Appendix A
Borehole and Monitoring Well Coordinates and Elevations

Appendix A
Survey Data Mobilization 1-3
Boreholes

Boring ID	Latitude	Longitude	Land Surface Elevation
First Mobilization			
U4U5-1	828092.49	26717098.71	1812.679
U4U5-2	828058.315	26717307.97	1812.72
U4U5-3	828424.707	26717362.85	1813.251
U4U5-4	828509.481	26717146.89	1813.839
Second Mobilization			
U4U5-5	827990.902	26717543.900	1812.458
U4U5-6	828074.668	26717557.953	1812.33
U4U5-7	828112.379	26717563.629	1812.81
U4U5-8	828173.236	26717574.592	1812.99
U4U5-9	828217.077	26717579.641	1812.82
U4U5-10	828278.022	26717590.435	1812.71
U4U5-11	828324.594	26717597.651	1812.52
U4U5-12	828395.940	26717605.770	1812.20
U4U5-13	828467.683	26717649.960	1812.505
U4U5-14	828510.671	26717651.441	1812.659
U4U5-15	828542.863	26717659.795	1812.741
U4U5-16	828592.126	26717669.970	1812.923
U4U5-17	828650.357	26717676.211	1812.79
U4U5-18	828695.207	26717683.510	1812.849
U4U5-19	828788.086	26717698.641	1812.62
U4U5-20	828104.023	26717321.860	1813.367
U4U5-21	828185.454	26717325.665	1805.149
U4U5-22	828224.790	26717332.541	1804.874
U4U5-23	828264.163	26717339.900	1804.937
U4U5-23	828264.181	26717339.866	1804.778
U4U5-24	828303.416	26717346.962	1804.487
U4U5-25	828392.819	26717350.110	1813.248
U4U5-26	828820.919	26717457.972	1812.91
U4U5-27	828065.860	26717261.849	1812.671
U4U5-28	828122.375	26717262.747	1813.409
U4U5-29	828194.783	26717269.636	1805.105
U4U5-30	828232.538	26717285.085	1804.944
U4U5-31	828271.490	26717292.256	1804.824
U4U5-32	828311.377	26717298.484	1805.078
U4U5-33	828381.653	26717311.300	1813.417
U4U5-34	828433.825	26717316.556	1812.373
U4U5-35	828797.683	26717395.139	1813.258
U4U5-36	828073.513	26717216.509	1813.017
U4U5-37	828133.389	26717226.219	1814.371
U4U5-38	828199.903	26717236.410	1804.98

Appendix A
Survey Data Mobilization 1-3
Boreholes

Boring ID	Latitude	Longitude	Land Surface Elevation
U4U5-39	828239.103	26717244.390	1805.041
U4U5-40	828278.677	26717250.828	1804.902
U4U5-41	828318.521	26717255.925	1805.304
U4U5-42	828394.302	26717263.554	1813.147
U4U5-43	828442.919	26717272.491	1812.493
U4U5-44	828849.605	26717315.009	1812.973
U4U5-45	828186.021	26717192.335	1805.79
U4U5-46	828197.074	26717203.699	1805.085
U4U5-47	828216.971	26717198.506	1805.784
U4U5-48	828165.446	26717099.737	1813.56
U4U5-49	828250.127	26717075.717	1812.984
U4U5-50	828342.185	26717090.527	1813.333
U4U5-51	828432.365	26717142.069	1813.546
U4U5-52	828606.468	26717133.908	1813.249
U4U5-53	828718.774	26717138.966	1813.525
U4U5-54	828852.732	26717173.784	1813.416
U4U5-55	828194.870	26717194.757	1805.796
U4U5-56	828198.614	26717195.107	1805.965
U4U5-57	828209.912	26717193.094	1805.78
U4U5-58	828332.619	26717217.180	1805.757
U4U5-59	828347.051	26717217.920	1805.923
U4U5-60	828337.899	26717351.282	1805.614
U4U5-61	828345.472	26717305.007	1805.463
U4U5-62	828352.646	26717258.987	1805.428
U4U5-63	828207.091	26717328.932	1805.68
U4U5-64	828321.057	26717349.183	1805.58
U4U5-65	828223.786	26717226.108	1805.47
U4U5-66	828337.580	26717244.769	1805.63
U4U5-67	828747.605	26717609.294	1812.95
U4U5-68	828830.284	26717382.929	1812.59
U4U5-69	828085.320	26717160.221	1813.15
U4U5-70	828298.995	26717049.513	1813.71
U4U5-71	828465.529	26717195.435	1813.06
U4U5-72	828814.306	26717130.010	1813.43
U4U5-73	828849.633	26717278.904	1812.91
Third Mobilization			
U4U5-74	828611.48	26717522.51	1813.61
U4U5-75	828440.58	26717255.90	1812.54
U4U5-76	828457.57	26717505.87	1813.01
U4U5-77	828819.25	26717340.95	1813.02

Appendix A
Survey Data Mobilization 1-3
Monitoring Wells

Well ID	Latitude	Longitude	Land Surface Elevation
M-241 CONC	828216.97	26717581.16	1812.80
M-241 LID	828217.06	26717579.73	1812.88
M-241 TOP 4 IN. PVC	828217.19	26717579.81	1812.54
M-247 CONC	828401.50	26717592.13	1812.32
M-247 LID	828401.52	26717591.32	1812.31
M-247 TOP 2 IN. PVC	828401.51	26717591.51	1811.97
M-247-100 CONC	828321.34	26717053.53	1813.77
M-247-100 LID	828321.45	26717052.70	1813.78
M-247-100 TOP 2 IN. PVC	828321.69	26717052.88	1813.26
M-247-60 CONC	828321.32	26717053.56	1813.77
M-247-60 LID	828321.44	26717052.73	1813.78
M-247-60 TOP 2 IN. PVC	828321.20	26717052.79	1813.22
M-248 CONC	828310.95	26717051.43	1813.74
M-248 LID	828311.09	26717050.81	1813.76
M-248 TOP 2 IN. PVC	828311.09	26717050.71	1813.50
M-249-100 CONC	828067.18	26717274.78	1813.42
M-249-100 LID	828067.31	26717273.92	1813.41
M-249-100 TOP 2 IN. PVC	828067.02	26717273.79	1813.14
M-249-60 CONC	828067.23	26717274.72	1813.50
M-249-60 LID	828067.30	26717273.82	1813.52
M-249-60 TOP 2 IN. PVC	828067.25	26717273.63	1813.17
M-250 CONC	828064.66	26717284.50	1813.12
M-250 LID	828064.74	26717283.67	1813.21
M-250 TOP 2 IN. PVC	828064.54	26717283.83	1812.91
M-251-100 CONC	828239.40	26717337.28	1805.63
M-251-100 LID	828239.84	26717336.24	1808.92
M-251-100 TOP 2 IN. PVC	828239.52	26717336.63	1808.24
M-251-60 CONC	828239.44	26717337.25	1805.64
M-251-60 LID	828239.90	26717336.42	1808.94
M-251-60 TOP 2 IN. PVC	828239.84	26717336.49	1808.37
M-252 CONC	828248.36	26717338.83	1805.60
M-252 LID	828248.42	26717337.91	1808.84
M-252 TOP 2 IN. PVC	828248.52	26717338.14	1808.28
M-253-100 CONC	828432.15	26717303.77	1812.19
M-253-100 LID	828432.16	26717303.78	1812.16
M-253-100 TOP 2 IN. PVC	828432.16	26717304.01	1811.56
M-253-60 CONC	828432.05	26717304.70	1812.13
M-253-60 LID	828432.16	26717303.78	1812.17
M-253-60 TOP 2 IN. PVC	828432.15	26717303.68	1811.45
M-254 CONC	828433.88	26717294.10	1812.21
M-254 LID	828434.08	26717293.31	1812.25

Appendix A
Survey Data Mobilization 1-3
Monitoring Wells

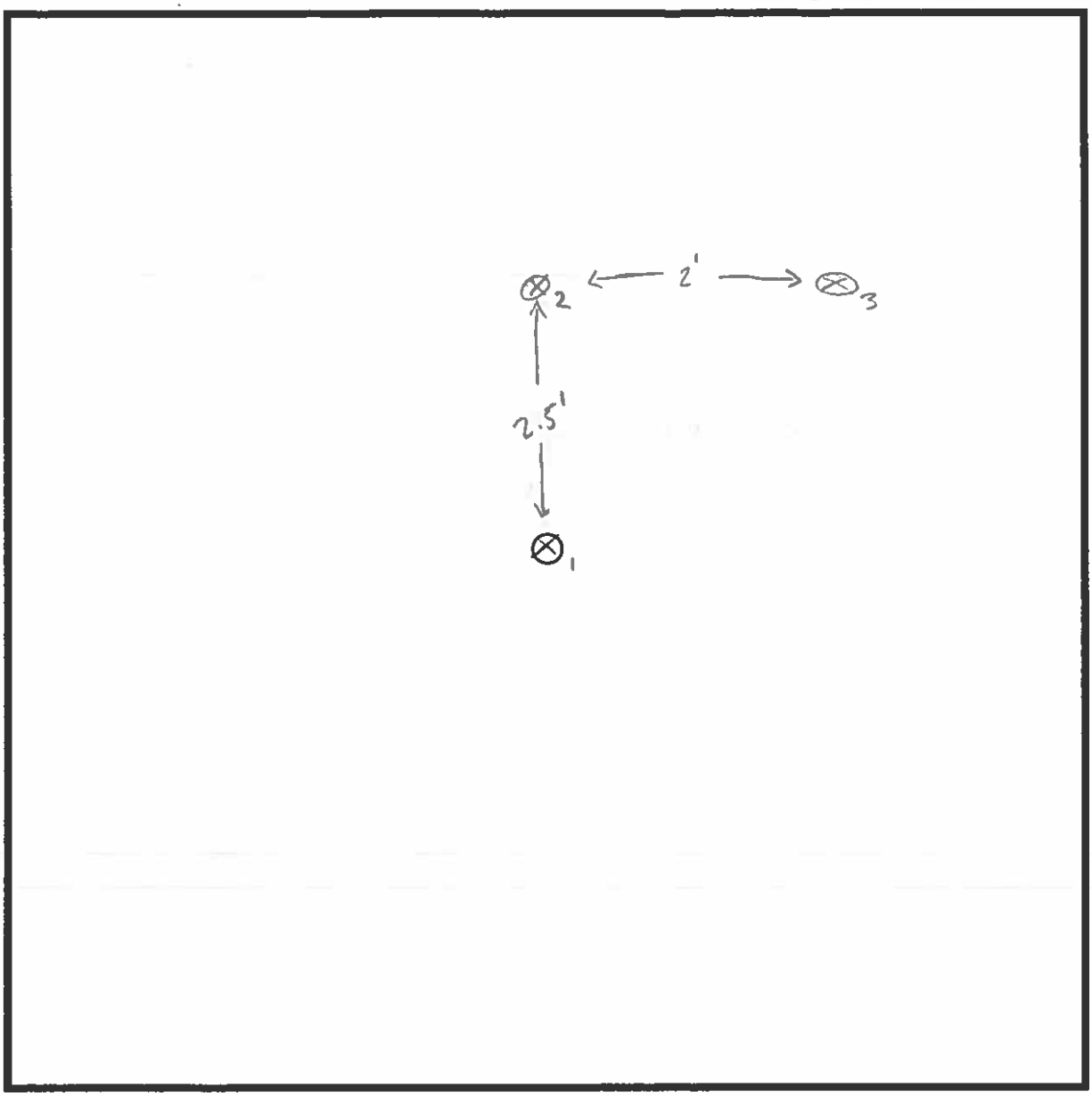
Well ID	Latitude	Longitude	Land Surface Elevation
M-254 TOP 2 IN. PVC	828434.12	26717293.50	1811.86
M-255-100 CONC	828228.97	26717581.37	1812.71
M-255-100 LID	828228.98	26717580.64	1812.77
M-255-100 TOP 2 IN. PVC	828229.02	26717580.83	1812.50
M-255-60 CONC	828228.97	26717581.37	1812.71
M-255-60 LID	828228.97	26717580.62	1812.79
M-255-60 TOP 2 IN. PVC	828228.97	26717580.62	1812.79
M-256-100 AC	828400.02	26717599.27	1812.31
M-256-100 LID	828400.14	26717598.48	1812.26
M-256-100 TOP 2 IN. PVC	828400.16	26717598.15	1811.84
M-256-60 AC	828400.03	26717599.35	1812.28
M-256-60 LID	828400.12	26717598.46	1812.27
M-256-60 TOP 2 IN. PVC	828399.99	26717598.62	1811.80
M-258 CONC	828672.61	26717679.11	1812.86
M-258 LID	828672.76	26717678.12	1812.86
M-258 TOP 2 IN. PVC	828672.81	26717678.18	1812.59
M-259-100 CONC	828661.28	26717678.02	1812.83
M-259-100 LID	828661.43	26717677.13	1812.82
M-259-100 TOP 2 IN. PVC	828661.52	26717677.14	1812.26
M-259-60 CONC	828661.27	26717678.05	1812.81
M-259-60 LID	828661.43	26717677.15	1812.81
M-259-60 TOP 2 IN. PVC	828661.25	26717677.28	1812.27

Appendix B
Utility Clearance Field Forms

Utility Clearance Records: Second Mobilization

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-13 Date: 7-13-16 Employee: Bryan Shams

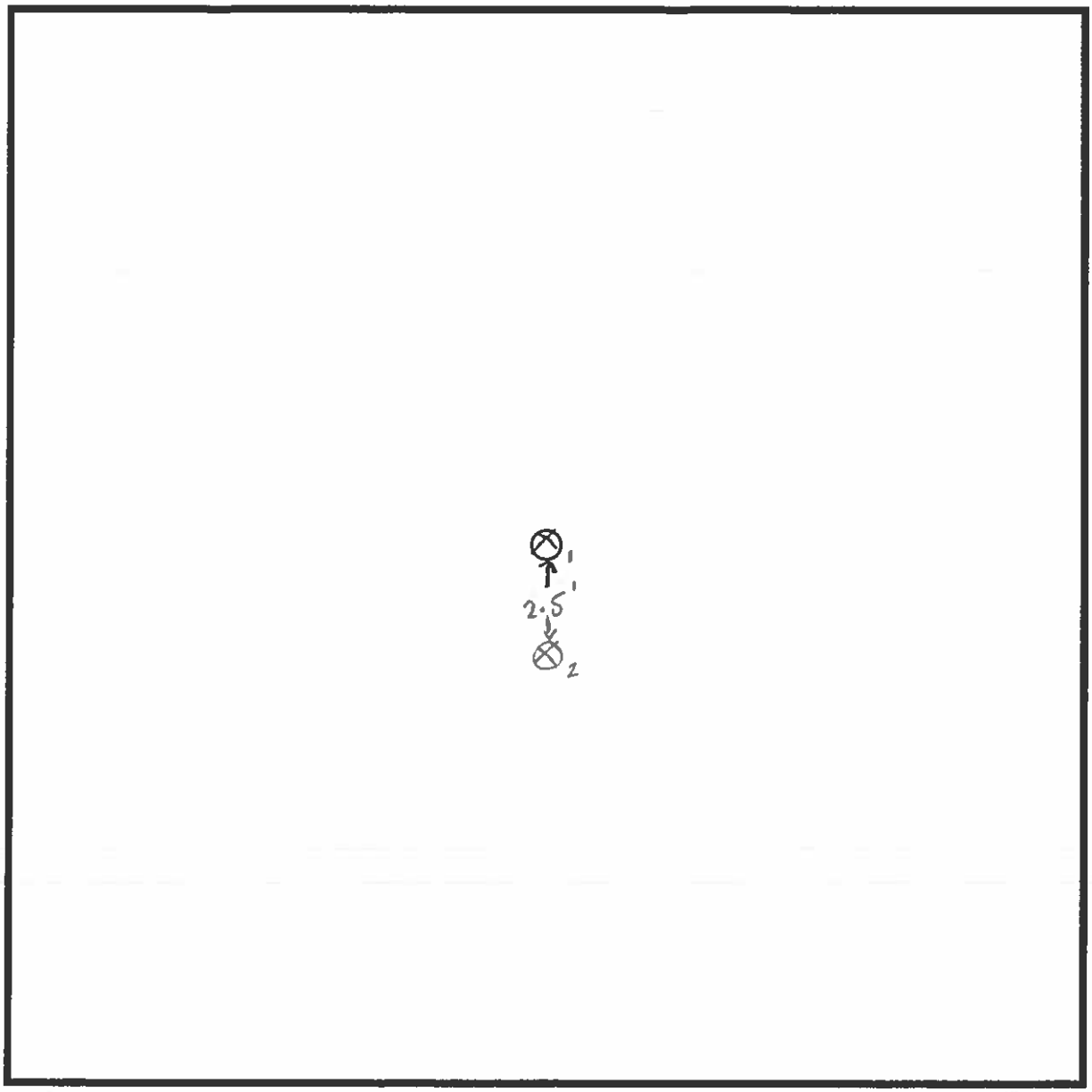


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: 1) Encountered old water line 6' bgs, East-West orientation. 2) Encountered utility 5' bgs, NE-SW Orientation.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U445 - 15 Date: 7/11.12/16 Employee: Bryan Shams

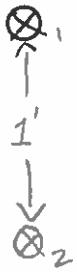


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: 1) blue 24" water line encountered @ 6' bgs East - West orientation.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: 4445-26 Date: 7-15-16 Employee: Bryan Shamis

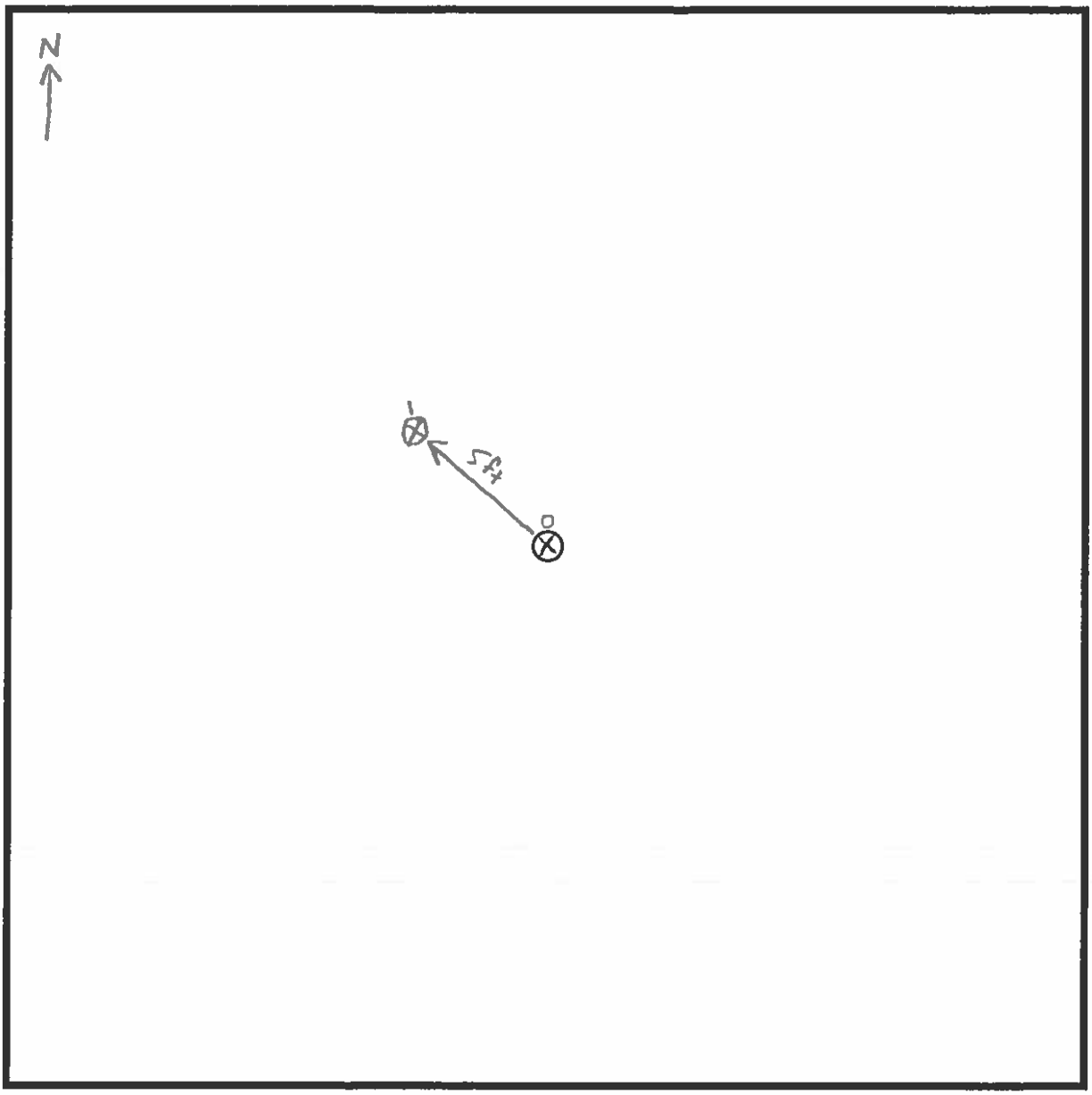


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: 1) Encountered 4" iron cast pipe 2.5' bgs, East-West orientation.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-33 Date: 8/18/16 Employee: Jesse Bunkers

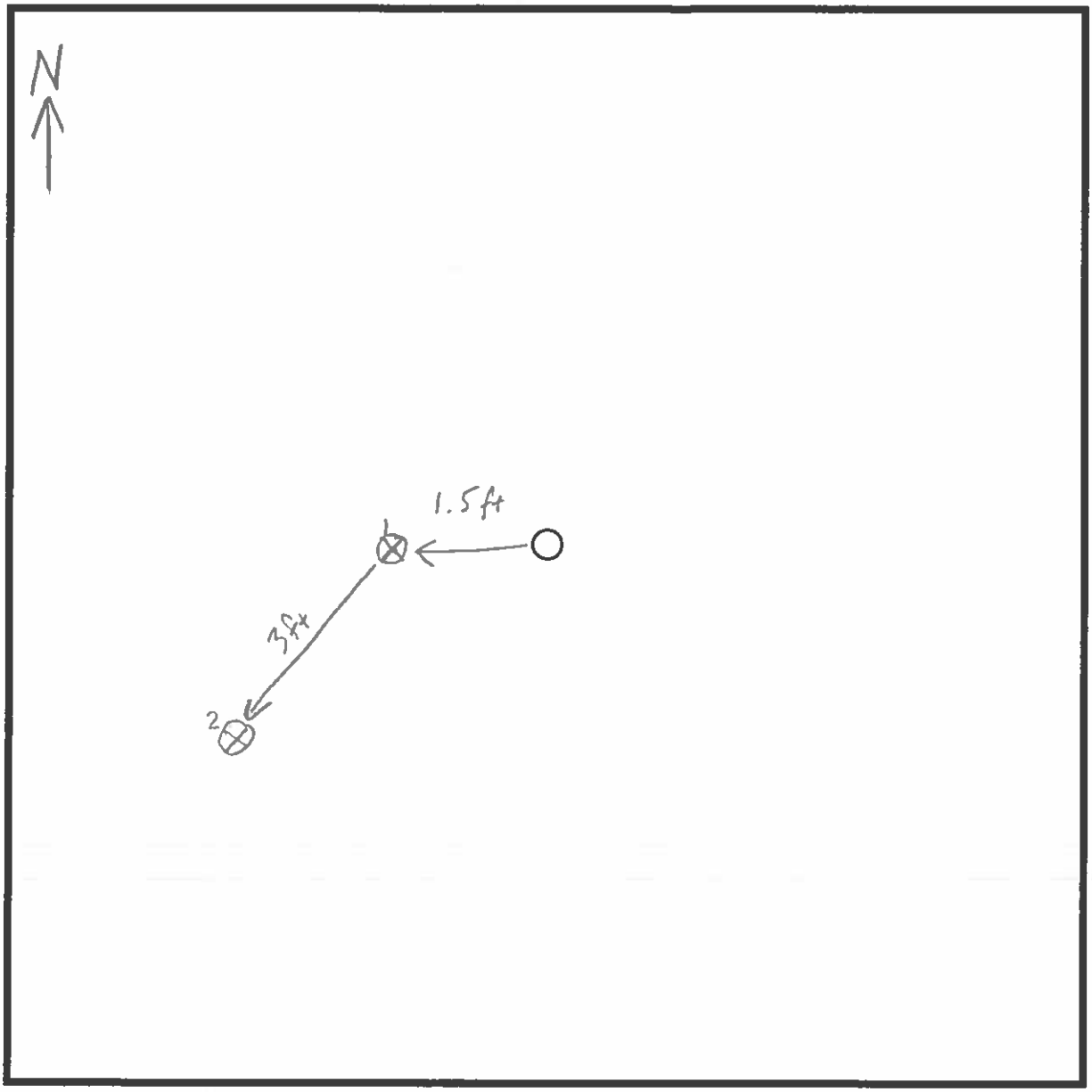


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: Encountered concrete slab (0) at 4.5 ft bgs. Moved borehole 5ft Northwest after consulting with Gil Butuco of TRONOX.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4US-34 Date: 8/12/16 Employee: J. Burkers

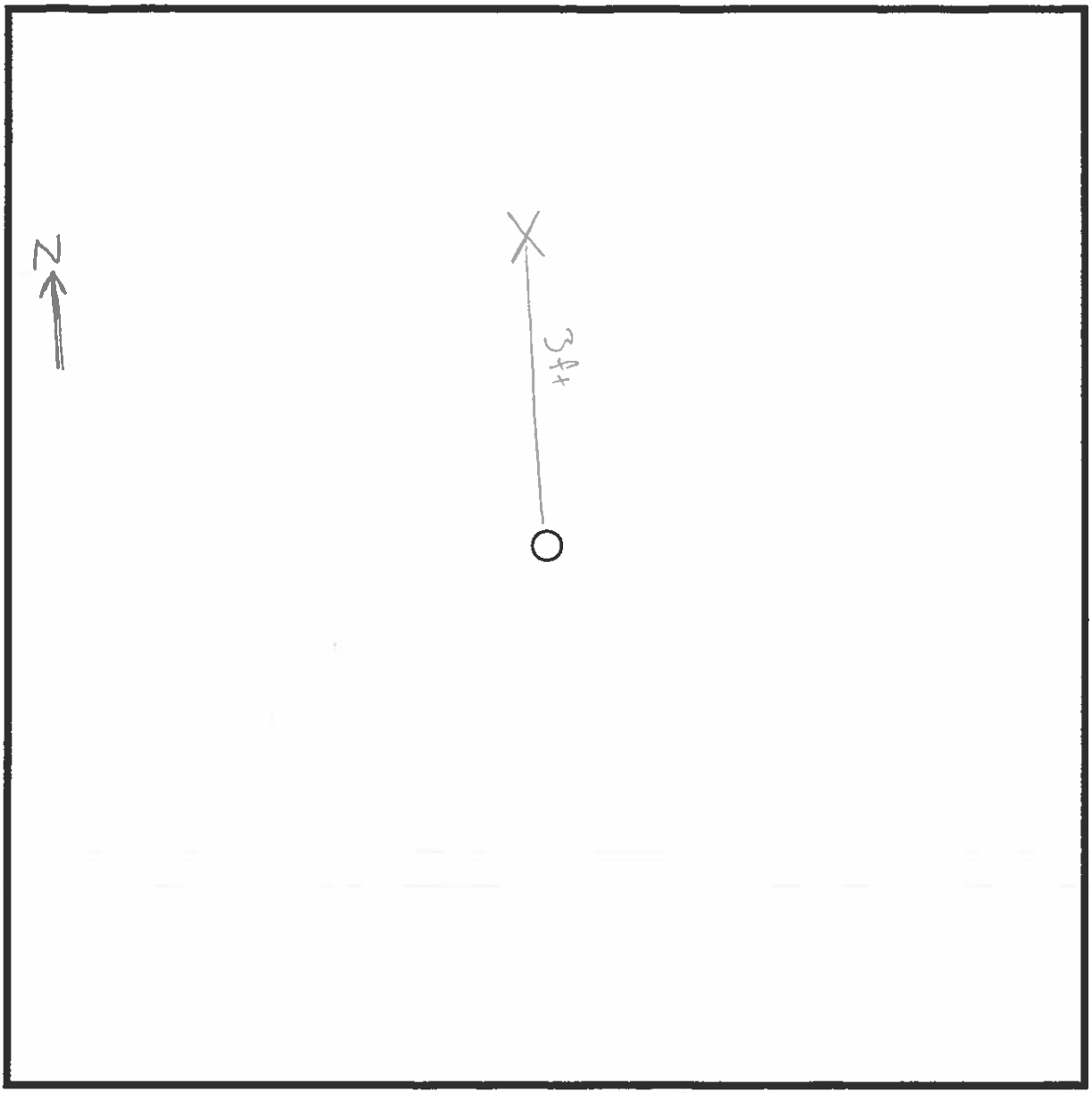


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: Encounted 10" VCP at 10ft deep. Moved bore hole 1.5ft West. Encounted other side of concrete structure on 2nd hole at 10ft. It was not 10" VCP but ~24" concrete with square edges trending N-S. TRONOX engineer John Holstrom was unable to identify the obstruction. Moved bore hole 3ft to SouthWest.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-46 Date: 8/9/16 Employee: J. Bunkers



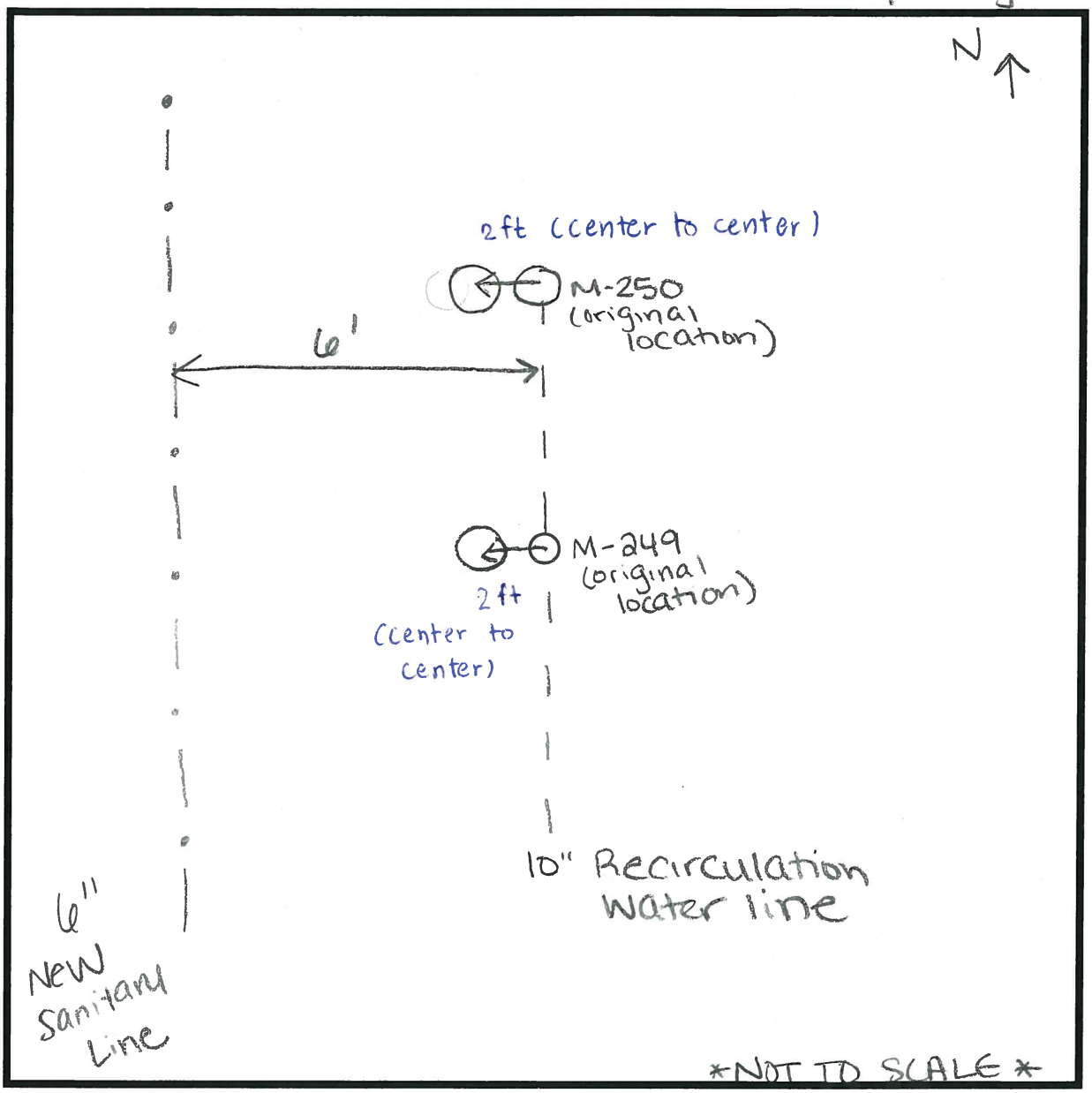
The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: Hit concrete footing for pillar at 2.5ft deoth. Moved bore hole 3ft to the North.

Utility Clearance Records: Third Mobilization

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: M-249 Date: 8-16-17 Employee: Ashley Wagner



The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

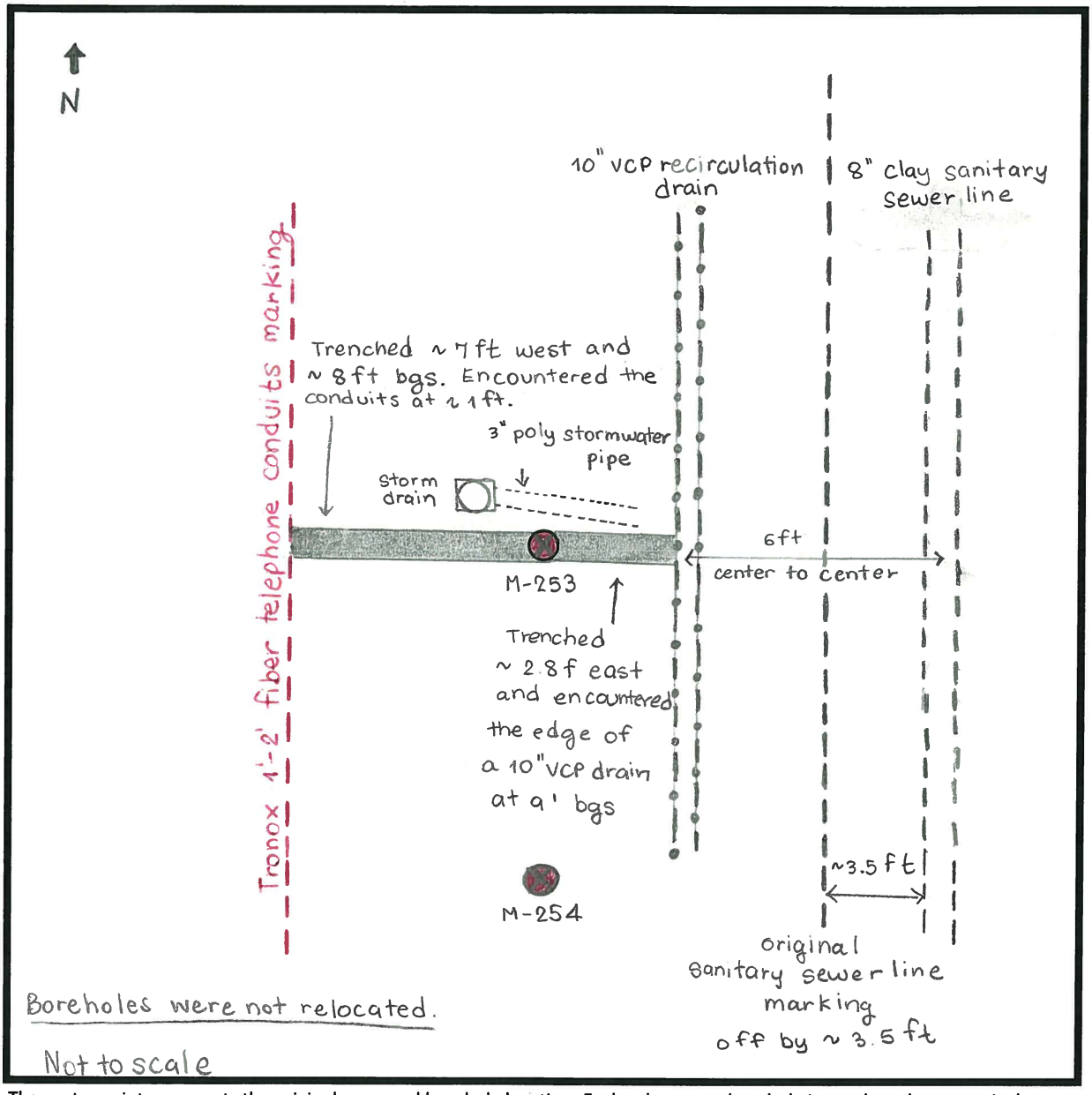
Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available:

Depth – 11 ft bgs
orientation - North-South
Concrete / possibly Steel
10" Recirculation water line.

M-249 original location directly over Recirc. line + a joint of the line

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: M-253, M-254 Date: 08/22/17 Employee: Prae Nobnorb



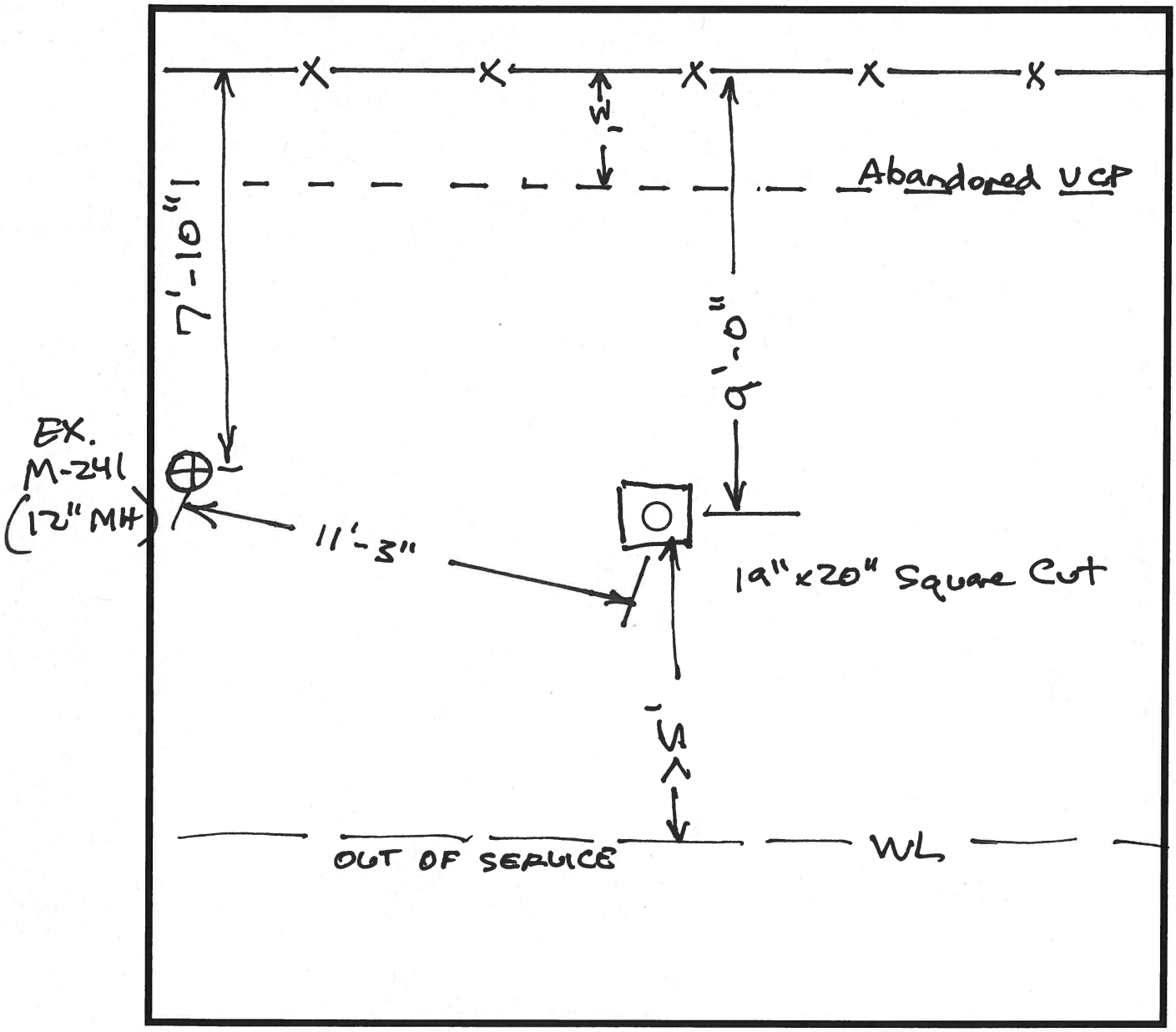
The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available:

- Encountered a 10" VCP Recirculation Drain at ~ 9 ft bgs, ~ 3 ft east of borehole M-253 (center to edge of pipe), oriented N-S
- Based on utility drawings and Gilbert Buco's confirmation, an 8" sanitary sewer line is 6ft east of the 10" recirculation drain (center to center)
- Ground Breaking Permit indicated a raw water line south side of borehole location. No marking was made.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: M-255 Date: 8/24/17 Employee: Jim Toth

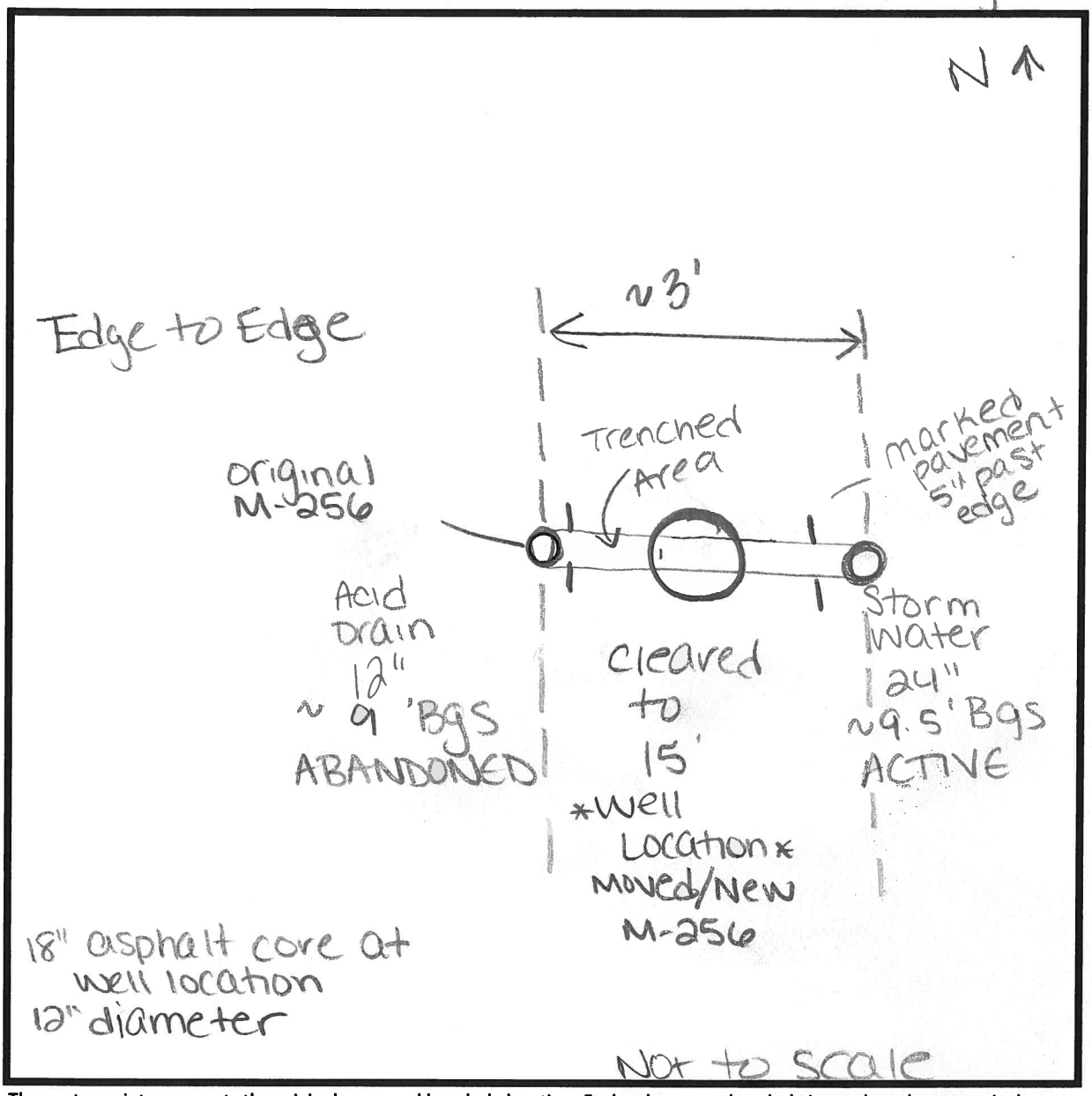


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: 20" HYDROVAC BOREHOLE CLEARED TO 15.0' BGS. NO UTILITIES NOTED. BACKFILLED WITH WELL GRADED SAND & COMPACTED ASPHALT COLD PATCH TO GRADE. MARKED W/ WHITE PAINT

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: M-256 Date: 8-18-17 Employee: Ashley Wagner



The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available:

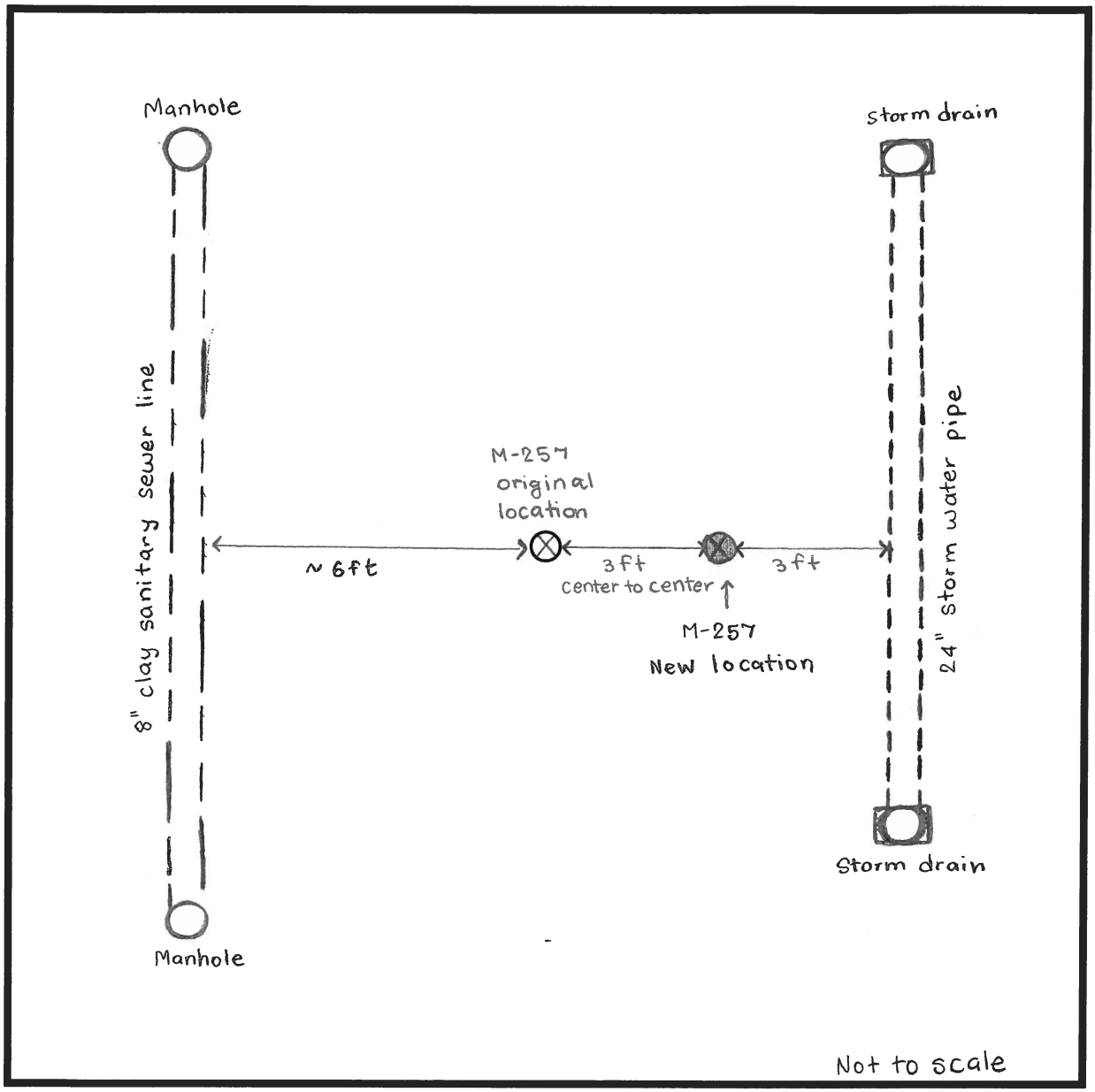
24" Storm Water – Steel, active, top of pipe ~9.5 ft bgs

12" Acid drain – concrete?, abandoned, top of pipe ~9 ft bgs

Both orientated N-S

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: M-257 Date: 08/22/17 Employee: Prae Nobnorb



The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

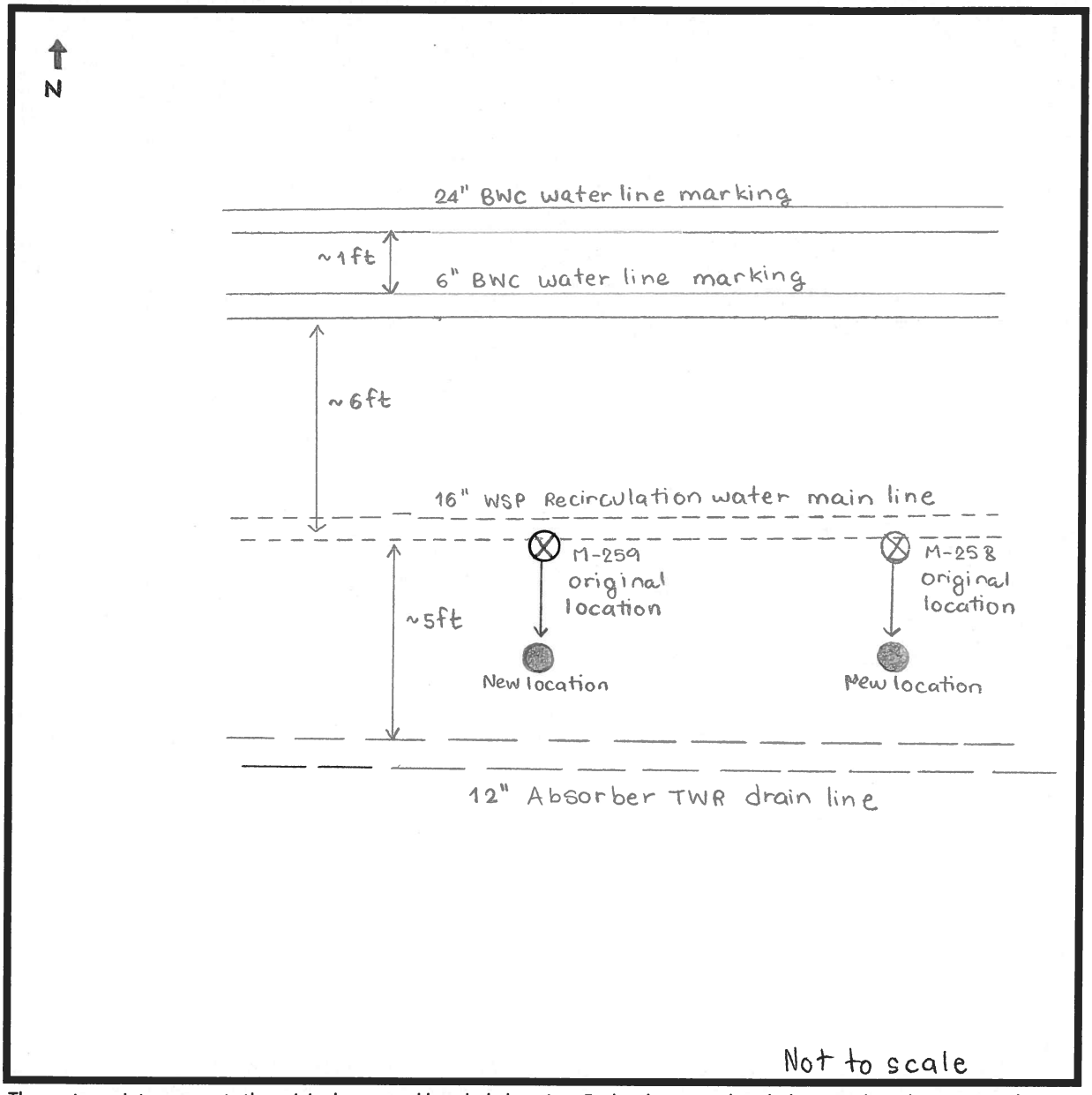
Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available:

Ashley Wagner and Cascade Crew trenched east of M-256. Refer to Hydro Vacuum Utility Clearance Record for M-256 for utilities encountered.

on Avenue G

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: M-258, M-259 Date: 08/17/17 Employee: Prae Nabnorb



The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

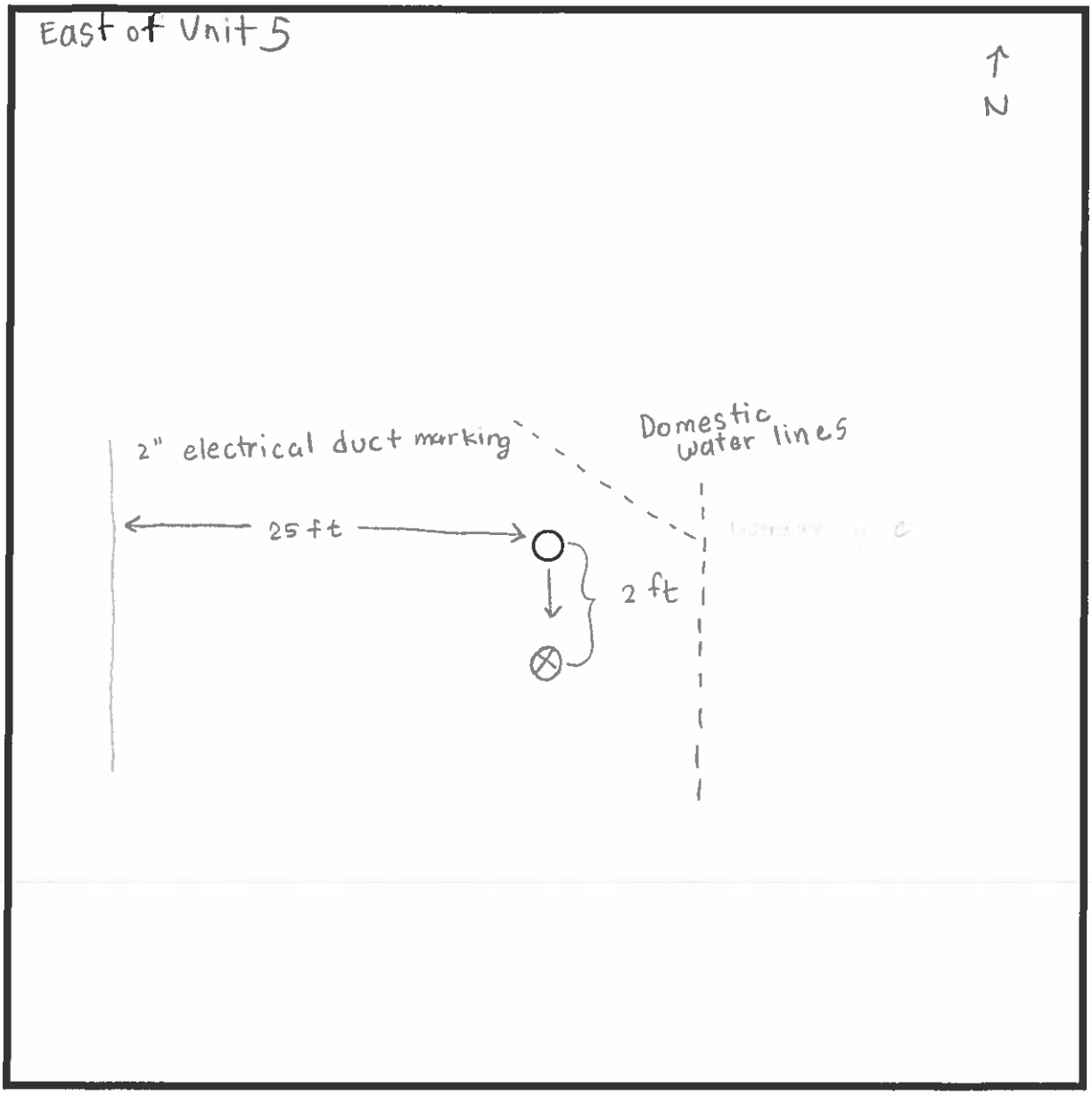
Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available:

- At ~ 6.5 ft bgs – encountered a 16" WSP recirculation water line directly under borehole M-259, oriented east-west
- At 12.4 ft bgs – encountered a 12" Absorber TWR drain line ~ 5 ft south of the 16" water line (center to center) based on utilities drawings and confirmation by Gilbert Buco.
- New borehole locations – both boreholes were moved ~ 18 in. south of the edge of the 16" water line and ~ 18 in. north of the 12" drain line.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: VA115-M7 Date: 10/5/17 Employee: Prav Nobnorb

East of Unit 5



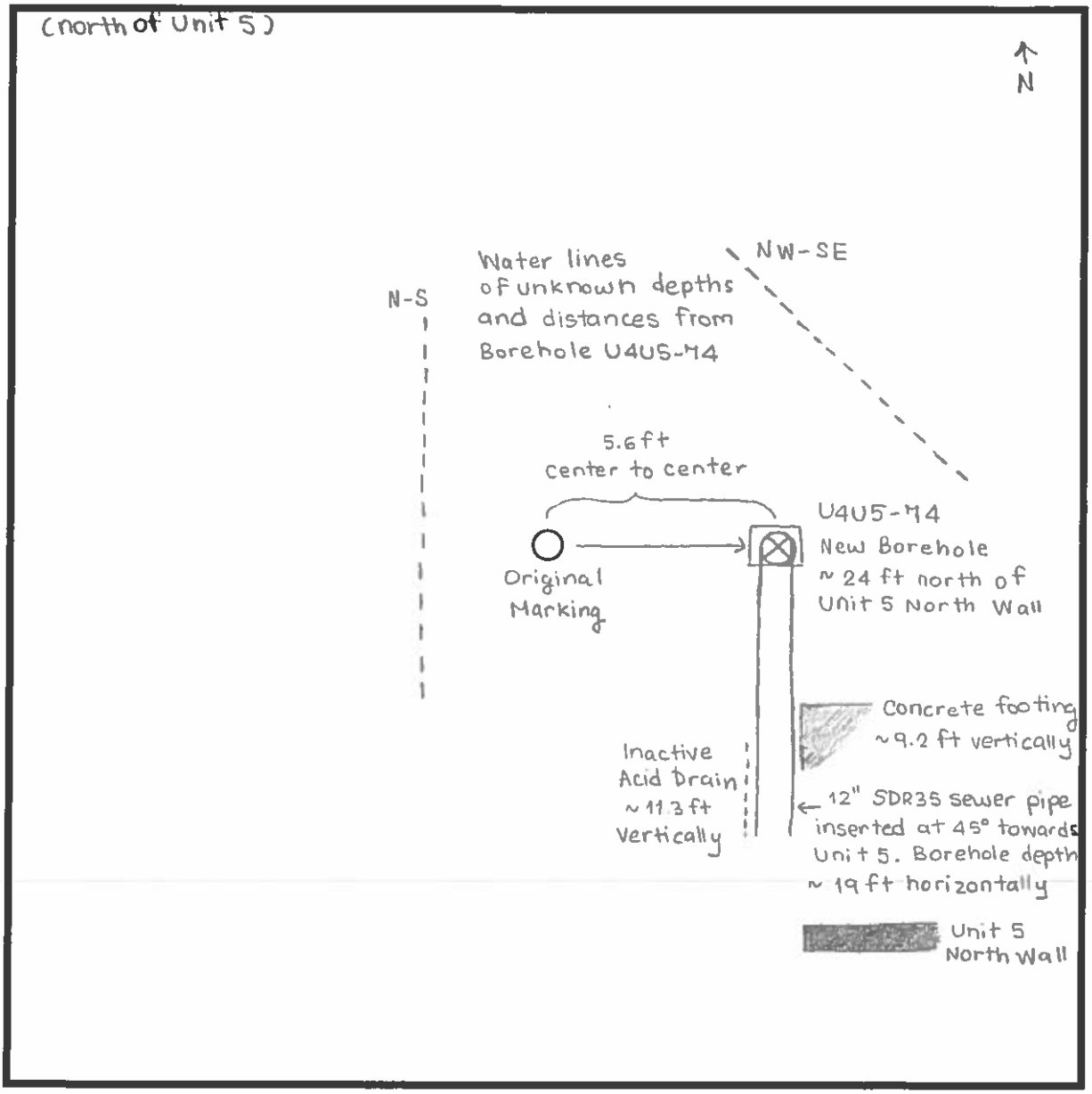
The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available:

moved borehole ~2 ft south of original marking

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-M4 Date: 09/21/17 revised Employee: Prae Nobnorb



The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available:

- Moved borehole location ~6 ft east of original marking to avoid a water line of unknown depth and distance
- Encountered the edge of concrete footing at ~13 ft horizontally (~9.2 ft vertically) and an inactive acid drain at ~16 ft horizontally (~11.3 ft verically)

Appendix C
Borehole Logs

Lithologic Logs: First Mobilization

BORING NUMBER U4U5-1

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/28/15 **COMPLETED** 10/30/15
GROUND ELEVATION 1812.679 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717098.705
LOGGED BY J. Walker **CHECKED BY** J. Walker
EASTING 828092.49
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 0.5'-7.5' **SILTY SAND**: Yellowish brown (10YR5/4); Subangular-subrounded grains; Medium dense; No plasticity; Dry; Flecks of red paint.	0.5	
	SS-2.5				0.4	
5	SS-5			Below 5' - Dark yellowish brown (10YR4/4); Poorly graded sand; Rounded-subangular grains; Medium dense; Damp (from hydrovac).	0.4	
	SS-7.5	SM		(SM) 7.5'-10' **SILTY SAND with GRAVEL**: Dark yellowish brown (10YR3/4); Gravel, sand, and silt mixture; Rounded-subangular grains; No plasticity; Loose.	0.9	
10	SS-10	SM		(SM) 10'-12' **SILTY SAND**: Dark yellowish brown (10YR4/4); Rounded-subrounded grains; No plasticity; Loose.	1.6	
	SS-12.5	SM		(SM) 12'-14' **SILTY SAND with GRAVEL**: Light brown (7YR6/3); Coarse gravel; Subrounded-subangular.	0.4	
15	SS-15	ML		(ML) 14'-15' **SANDY SILT**: Yellowish brown (10YR5/4); Subrounded-rounded; No plasticity; Loose; Slightly moist.	0.4	
		SM		(SM) 15'-16' **SILTY SAND**: Pinkish gray (7.5YR7/2); Medium-coarse gravel; Moderately hard; Dry; Crushed caliche; Bedding visible in gravel.		
	SS-17.5	ML		(ML) 16'-17' **SANDY SILT**: Dark yellowish brown (10YR3/6); No plasticity; Hard silt; Slightly moist.	0.5	Cement - 5% bentonite slurry
20	SS-20	SM		(SM) 17'-19' **SILTY SAND**: Pinkish gray (7.5YR6/2); Angular-subrounded; No plasticity; Loose; Dry.		
		ML		(ML) 19'-20' **SILT**: Light yellowish brown (10YR6/4); Low plasticity; No toughness; Soft; Slightly moist.	1.8	
	SS-22.5	ML		(ML) 20'-25' **SANDY SILT**: Light yellowish brown (10YR6/4); Low-no plasticity; Soft; No toughness; Slightly moist.	0.9	
25	SS-25			(ML) 25'-35' **SILT**: Light yellowish brown (10YR6/4); No plasticity; No toughness; Very soft; Slightly moist.	0.6	
	SS-27.5				0.7	
30	SS-30	ML		Below 29' - Stiff; Very moist; Capillary fringe.	0.8	
	SS-32.5				0.6	
35						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
35	SS-35	ML		(ML) 35'-40' **SILT with GRAVEL**: Light yellowish brown (10YR6/4); No plasticity; No toughness; Very soft; Saturated.	0.6	
				Below 37' - Water.		Hydrated bentonite
40				(ML) 40'-42.5' **SILT**: Light yellowish brown (10YR6/4); Low plasticity; No toughness; Very soft; Saturated.	1.1	#3 Sand
				Below 52.5' - Very moist.	1.5	1st Temporary well set at 45'
45	GW-45				1.8	
		ML		Below 46' - Pink (7.5YR7/4); Medium toughness; Intermittent caliche deposits.	2.0	
				Below 47.5' - Light yellowish brown (10YR6/4); No toughness.	2.1	
50					1.7	
		SM		(SM) 52.5'-55' **SILTY SAND**: Light yellowish brown (10YR6/4); No plasticity; No toughness; Loose; Saturated.	1.5	Cement - 5% bentonite slurry
55		ML		(ML) 55'-57.5' **SILT**: Olive brown (2.5Y4/3); No plasticity; No toughness; Very moist.	1.2	
		CL-ML		(CL-ML) 57.5'-67' **CLAYEY SILT**: Olive brown (2.5Y4/3); Medium plasticity; Low toughness; Very moist.	0.7	
60					0.8	
					0.6	Hydrated bentonite
				Below 64' - Saturated.		
65					0.7	#3 Sand
		ML		(ML) 67'-70' **SILT**: Olive brown (2.5Y4/3); Medium plasticity; Low toughness; Very moist.	0.8	2nd Temporary well set at 70'
70	GW-70					
		SM		(SM) 70'-72' **SILTY SAND**: Olive brown (2.5Y4/3); Subrounded-subangular; Loose; Saturated.	0.6	
		ML		(ML) 72'-75' **SANDY SILT**: Olive brown (2.5Y4/3); No plasticity; Low toughness; Firm; Moist.	0.4	
75						

NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

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TETRA TECH, INC.

BORING NUMBER U4U5-1

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
75		SM		(SM) 75'-77' **SILTY SAND**: Olive brown (2.5Y4/3); No plasticity; Loose; Moist. Below 76' - Dark brown (10YR3/3); Subrounded-rounded; Saturated.	0.6	Cement - 5% bentonite slurry
		ML		(ML) 77'-81' **SILT with SAND**: Olive brown (2.5Y4/3); No plasticity; Low toughness; Soft; Moist.	0.7	
80					0.5	
		ML		(ML) 81'-82.5' **SILT with GRAVEL**: Olive brown (2.5Y4/3); No plasticity; Low toughness; Soft; Moist; Caliche fragments <30mm diameter.	0.4	Hydrated bentonite
				(ML) 82.5'-90' **SILT**: Olive brown (2.5Y4/3); No plasticity; Firm; Slightly moist.		
85		ML				#3 Sand
90	GW-90					3rd Temporary well set at 90'

NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

BORING NUMBER U4U5-2

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/30/15 **COMPLETED** 11/6/15
GROUND ELEVATION 1812.72 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717307.97
LOGGED BY J. Walker/B. Shams **CHECKED BY** J. Walker
EASTING 828058.315
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1			(SM) 0.5'-22' **SILTY SAND**: Light gray (10YR7/2); Fine-coarse grained sand; Fine-coarse gravel; Well rounded-subangular; Loose.	2.2	
	SS-2.5			Below 2.5' - Well rounded-angular.	0.8	
5	SS-5			Below 5' - Very dark brown (10YR2/2); Well rounded-subangular.	0.8	
	SS-7.5			Below 7.5' - Light gray (10YR7/2); Fine gravel.	0.6	
10	SS-11	SM		Below 11' - Moist from hydrovac.	0.5	
	SS-12.5			Below 12.5' - Light yellowish brown (10YR6/4); Subrounded-angular; Dry; Gravel <60mm diameter.	2.9	
15	SS-15			Below 15' - Loose-dense.	2.7	
	SS-17.5				0.8	
20	SS-20			Below 21' - Dense.	0.9	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22'-25' **SANDY SILT**: Dark yellowish brown (10YR4/6); Subrounded-rounded; Slightly moist.	0.6	
25	SS-25			Below 24' - 2" Caliche layer: White (10YR8/1); 60cm cobble present.	0.2	
	SS-27.5	SM		(SM) 25'-30' **SILTY SAND**: Very pale brown (10YR7/3); Subrounded-rounded; Loose; Slightly moist. Below 25.5' - Brown (7.5YR5/4)	0.4	
30	SS-30			Below 29' - No plasticity; Medium toughness.	0.4	
	SS-32.5	ML		(ML) 30'-49' **SILT with SAND**: Brown (7.5YR5/4); No plasticity; Soft; Slightly moist.	0.4	
35						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
35	SS-35			(ML) 30'-49' **SILT with SAND**: Brown (7.5YR5/4); No plasticity; Soft; Slightly moist. *(continued)* Below 35' - Strong brown (7.5YR4/6); Low plasticity; Medium toughness.	0.3	
	SS-37.5				0.4	
40	SS-40				0.3	
		ML		Below 41' - Wet.	0.3	Hydrated bentonite
45					0.3	#3 Sand
					0.2	1st Temporary well set at 50'
50	GW-50	GC		(GC) 49'-50' **CLAYEY GRAVEL with SAND**: Strong brown (7.5YR4/6); Medium plasticity; Soft; Wet; Caliche fragments with clay. 50'-54' **NO RECOVERY**	0.4	
					0.5	
55				(ML) 54'-71' **SILT with SAND**: Brown (7.5YR5/4); Low plasticity; Soft-medium; Wet.	0.6	Cement - 5% bentonite slurry
					0.9	
60				Below 60' - Low-no plasticity; Soft.	0.8	
		ML		Below 61' - Caliche fragments <40mm diameter.	1.3	Hydrated bentonite
65				Below 63' - No caliche fragments.	1.4	#3 Sand
					1.5	2nd Temporary well set at 70'
70	GW-70				1.7	
		ML		(ML) 71'-72' **GRAVELLY SILT with SAND**: Light brown (7.5YR6/3); Very soft; Moist; Gravel composed of caliche fragments <50mm diameter.	1.6	
75		SM		(SM) 72'-75' **SILTY SAND**: Light brown (7.5YR6/4); Subrounded-rounded; Medium dense; Very moist-wet.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-2

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
75						
		CL-ML		(CL-ML) 75'-80' **CLAYEY SILT**: Brown (7.5YR5/4); Medium-high plasticity; Stiff; Slightly moist-moist.	1.5 1.6	Cement - 5% bentonite slurry
80						
		CL-ML		(CL-ML) 80'-85' **SILTY CLAY**: Brown (7.5YR5/4); Medium-high plasticity; Very stiff; Slightly moist.	2.1 1.4	Hydrated bentonite
85						
		ML		(ML) 85'-87.5' **SANDY SILT**: Brown (7.5YR5/4); Subrounded-rounded; Low plasticity; Stiff; Wet.	1.7	#3 Sand
		CL-ML		(CL-ML) 87.5'-90' **CLAYEY SILT**: Brown (7.5YR5/4); Low-medium plasticity; Stiff-very stiff; Slightly moist-very moist.	1.2	3rd Temporary well set at 90'
90	GW-90				0.7	

NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-3

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/29/15 **COMPLETED** 11/3/15
GROUND ELEVATION 1813.251 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717362.852
LOGGED BY B. Shams **CHECKED BY** J. Walker
EASTING 828424.707
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-2.5	SW-SM		(SW-SM) 0.5'-12.5' **SAND with SILT and GRAVEL**: Yellowish brown (10YR5/4); Fine-coarse grained sand; Well rounded-subangular; Fine gravel; Loose; Dry.	0.7	
5	SS-5			Below 5' - Dark brown (10YR3/3)	1.0	
	SS-7.5				0.2	
10	SS-10			Below 10' - Moist from hydrovac.	1.5	
	SS-12.5	SM		(SM) 12.5'-20' **SILTY SAND**: Light gray (10YR7/2); Fine-coarse gravel (5-50mm diameter); Loose.	0.6	
15	SS-15			Below 15' - Fine gravel (5mm diameter).	0.3	
	SS-17.5			Below 17.5' - Fine-coarse gravel (5-75mm diameter).	0.6	
20	SS-20	SW-SM		(SW-SM) 20'-22.5 **SAND with SILT and GRAVEL**: Light gray (10YR7/2); Fine-coarse grained sand; 80mm diameter cobble present.	0.6	Cement - 5% bentonite slurry
	SS-22.5	SM		(SM) 22.5'-47.5' **SILTY SAND**: Light gray (10YR7/2); Fine-coarse gravel (5-40mm diameter); Well rounded-subangular.	0.2	
25	SS-25				0.3	
	SS-27.5			Below 27.5' - Stiff.	0.2	
30	SS-30				0.3	
	SS-32.5				3.4	
35						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
35	SS-35	SM		(SM) 22.5'-47.5' **SILTY SAND**: Light gray (10YR7/2); Fine-coarse gravel (5-40mm diameter); Well rounded-subangular. *(continued)*	0.4	
	SS-37.5			Below 35' - Soft. Below 35.5' - 6" Caliche layer; 70mm diameter coarse caliche gravel. Below 36' - No caliche. Below 37.5' - Stiff.	1.0	
40	SS-40				0.4	
	SS-42.5				0.5	Hydrated bentonite
45	SS-45			Below 45' - Subrounded-angular.	0.3	#3 Sand
		ML		(ML) 47.5'-57.5' **SILT**: Strong brown (7.5YR4/6); Fine grained sand; Low plasticity.	0.2	1st Temporary well set at 50'
50	GW-50			Below 50' - Moist.	0.2	
					0.2	
55					0.2	Cement - 5% bentonite slurry
		ML		(ML) 57.5'-62.5' **SILT with SAND**: Strong brown (7.5YR4/6); Low plasticity; Moist.	0.1	
60					0.1	
		CL-ML		(CL-ML) 62.5'-70' **CLAYEY SILT**: Strong brown (7.5YR4/6); Fine grained sand; Low plasticity; Moist.	0.2	Hydrated bentonite
65					0.1	#3 Sand
					0.1	2nd Temporary well set at 70'
70	GW-70	SM		(SM) 70'-71' **SILTY SAND**: Strong brown (7.5YR4/6); Fine-coarse grained sand; Saturated.	0.1	
		ML		(ML) 71'-77.5' **SILT**: Strong brown (7.5YR4/6); Fine grained sand; Medium toughness.	0.1	
75						

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TETRA TECH, INC.

BORING NUMBER U4U5-3

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
75		ML		(ML) 71'-77.5' **SILT**: Strong brown (7.5YR4/6); Fine grained sand; Medium toughness. *(continued)*	0.1	Cement - 5% bentonite slurry
		CL-ML		(CL-ML) 77.5'-80' **CLAYEY SILT**: Strong brown (7.5YR4/6); Low plasticity; Medium toughness; Very moist.	0.4	
80		SM		(SM) 80'-81' **SILTY SAND**: Black (7.5YR2.5/1); Fine-coarse grained sand; Loose; Very moist-saturated.	0.3	
		CL-ML		(CL-ML) 81'-85' **CLAYEY SILT**: Strong brown (7.5YR4/6); Low plasticity; Medium toughness; Very moist. Below 82.5' - Moist.	0.2	Hydrated bentonite
85		ML		(ML) 85'-90' **SILT**: Strong brown (7.5YR4/6); Low plasticity; Stiff; Moist.	0.4	#3 Sand
					0.3	3rd Temporary well set at 90'
90	GW-90				0.3	

NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

BORING NUMBER U4U5-4

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/30/15 **COMPLETED** 11/4/15
GROUND ELEVATION 1813.839 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717146.89
LOGGED BY J. Walker **CHECKED BY** J. Walker
EASTING 828509.481
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 0.5'-2.5' **SAND with SILT**: Pale brown (10YR6/3); Fine-coarse grained sand; Fine gravel; Well rounded-subangular.	0.3	
	SS-2.5	SM		(SM) 2.5'-5' **SILTY SAND**: Pale brown (10YR6/3); Fine-coarse grained sand; Fine gravel; Well rounded-subangular; Loose.	0.3	
5	SS-5	SW		(SW) 5'-12.5' **SAND**: Pale brown (10YR6/3); Fine-coarse grained sand; Fine-coarse gravel; Well rounded-subangular; Loose.	0.1	
	SS-7.5				0.2	
10	SS-10				0.3	
	SS-12.5					
		SM		(SM) 12.5'-20' **SILTY SAND**: Light yellowish brown (10YR6/4); Subrounded-rounded; No plasticity; Loose; Dry; Gravel <30mm diameter.	0.7	
15	SS-15				0.7	
	SS-17.5			Below 17.5' - Gravel <50mm diameter.	0.9	
20	SS-20	SW-SM		(SW-SM) 20'-22.5' **SAND with SILT and GRAVEL**: Pink (7.5YR7/3); Angular-subangular; Dry; Evaporite deposits coat gravel.	1.0	Cement - 5% bentonite slurry
	SS-22.5	SM		(SM) 22.5'-24' **SILTY SAND**: Brown (7YR5/4); Subrounded-rounded; No plasticity; Slightly moist.	0.4	
25	SS-25	ML		(ML) 24'-25' **SANDY SILT**: Yellowish brown (10YR5/8); Low plasticity; Medium toughness; Slightly moist.	0.4	
				25'-29' **NO RECOVERY**	0.3	
30	SS-30	ML		(ML) 29'-30' **SILT**: Yellowish brown (10YR5/8); No plasticity; Medium toughness; Slightly moist.	0.5	
				(ML) 30'-35' **SILT with SAND**: Yellowish brown (10YR5/8); Soft; Slightly moist.		
	SS-32.5	ML		Below 33' - No plasticity; Medium toughness.	0.5	
35						

NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
35	SS-35	SM		(SM) 35'-42' **SILTY SAND**: Yellowish brown (10YR5/8); Subrounded-subangular; Loose; Slightly moist; Gravel <20mm diameter.	0.4	
	SS-37.5				0.5	
40	SS-40			Below 40' - Gravel <50mm diameter.	0.4	
		ML		(ML) 42'-44.5' **SANDY SILT**: Yellowish brown (10YR5/8); Soft; Very moist.	0.5	Hydrated bentonite
45		SM		(SM) 44.5'-45' **SILTY SAND**: Dark brown (10YR3/3); Subrounded-subangular; Loose-medium dense; Saturated.	0.4	#3 Sand
		CL-ML		(CL-ML) 45'-55' **CLAYEY SILT**: Dark yellowish brown (10YR4/6); Medium plasticity; Medium-soft; Slightly moist.	1.2	1st Temporary well set at 50'
50	GW-50			Below 49' - Caliche fragments <30mm diameter.	0.8	
				Below 52' - No caliche fragments.	1.1	
55		ML		(ML) 55'-57' **SANDY SILT**: Dark yellowish brown (10YR4/6); No plasticity; Soft; Slightly moist.	0.8	Cement - 5% bentonite slurry
		SM		(SM) 57'-59' **SILTY SAND**: Dark yellowish brown (10YR4/6); No plasticity; Loose; Saturated; Caliche fragments <20mm diameter.	0.7	
60		ML		(ML) 59'-60' **SANDY SILT**: Dark yellowish brown (10YR4/4); Stiff; Slightly moist.	0.8	
		ML		(ML) 60'-61' **SILT**: Dark yellowish brown (10YR4/4); Stiff; Slightly moist.		
				(ML) 61'-69.5' **SILT with SAND**: Dark yellowish brown (10YR4/4); Loose; Saturated; Gravel composed of caliche fragments <20mm in diameter. Below 63' - Very moist.	0.8	Hydrated bentonite
65		ML			1.0	#3 Sand
					0.9	2nd Temporary well set at 70'
70	GW-70					
		SM		(SM) 69.5'-78' **SILTY SAND**: Dark yellowish brown (10YR4/4); Subrounded-subangular; Medium dense; Saturated.	0.7	
75					0.4	

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BORING NUMBER U4U5-4

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
75		SM		(SM) 69.5'-78' **SILTY SAND**: Dark yellowish brown (10YR4/4); Subrounded-subangular; Medium dense; Saturated. *(continued)*	0.4	Cement - 5% bentonite slurry
		CL-ML		(CL-ML) 78'-81' **CLAYEY SILT**: Pale yellowish brown (10YTR4/4); Stiff; Slightly moist.	0.9	
80		SM		(SM) 81'-83' **SILTY SAND**: Pale yellowish brown (10YR4/4); Rounded-subrounded; Medium dense; Saturated.	0.9	Hydrated bentonite
		CL-ML		(CL-ML) 83'-90' **CLAYEY SILT**: Pale yellowish brown (10YTR4/4); Stiff; Slightly moist.	0.7	
85					0.9	#3 Sand
					0.9	3rd Temporary well set at 90'
90	GW-90				0.9	

NERT TEMPORARY WELLS - GINT STD US.GDT - 1/23/18 13:29 - P:\GINT\NERT\2015 - 1ST MOBILIZATION\NERT - 1ST MOBILIZATION.GPJ

Lithologic Logs: Second Mobilization

BORING NUMBER U4U5-5

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/15/16 **COMPLETED** 9/27/16
GROUND ELEVATION 1812.458 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717543.9
LOGGED BY J. Bunkers/W.Green **CHECKED BY** J. Walker
EASTING 827990.902
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
	SS-2.5	SM		(SM) 2.5'-3' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
5	SS-5	SM		(SM) 5'-5.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
	SS-7.5	SM		(SM) 7.5'-8' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
10	SS-10	SM		(SM) 10'-10.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	7.3	
15	SS-15			15'-17' Abandoned clay pipe filled with concrete.	4.5	Cement - 5% bentonite slurry
	SS-17.5			(SM) 17'-28' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	3.6	
20	SS-20				1.5	
	SS-22.5	SM			1.1	
25	SS-25				1.0	
	SS-27.5				1.6	
30		SW-SM		(SW-SM) 28'-31.5' Dark Brown (7.5YR3/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM			1.2	
	SS-32.5	ML		(ML) 31.5'-56' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand; Medium plasticity; Trace gravel.	0.6	
35	SS-35				0.5	Hydrated bentonite
					0.5	#3 Sand
40	SS-40				0.7	
	GW-42				2.7	1st Temporary well water level (41')
45					1.9	1st Temporary well set at 42'
					1.1	2nd Temporary well water level (42.6')
50	SS-50			Below 50.5' - Stiff; Fine grained sand; Low to medium plasticity.	0.8	Cement - 5% bentonite slurry
					0.3	
55					0.2	3rd Temporary well water level (55')
	SS-57.5	SP		(SP) 56'-57.5' Brown (7.5YR4/4); **Poorly Graded SAND**; Moist; Loose; Subangular to subrounded grains; Medium to coarse grained sand.		
		ML		(ML) 57.5'-58.5' Brown (7.5YR4/4); **SILT with SAND**; Moist; Stiff; Subangular to subrounded grains; Fine grained sand; Low to medium plasticity.	0.1	Hydrated bentonite
60	SS-60	CL		(CL) 58.5'-64' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Few caliche nodules; Trace fine grained sand.	0.2	#3 Sand
					0.2	2nd Temporary well set at 66'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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TETRA TECH, INC.

BORING NUMBER U4U5-5

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 64'-68.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded; grains; Fine to coarse grained sand; Low plasticity; Trace gravel. *(continued)*	0.1	
	GW-66	ML			0.5	4th Temporary well water level (66')
70	SS-70	ML		(ML) 68.5'-79' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity; Trace caliche gravel. Below 70.5' - No caliche.	1.4	
					0.5	Cement - 5% bentonite slurry
75					0.5	
					0.0	
80	SS-80	ML		(ML) 79'-82' Brown (7.5YR5/4); **SILT with SAND**; Moist; Stiff; Subrounded grains; Fine to medium grained sand; Medium plasticity.	0.0	
		CL		(CL) 82'-85' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Few fine grained sand; Hard caliche nodules.	0.1	Hydrated bentonite
85		ML		(ML) 85'-87.5' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Low to medium plasticity; Few subangular to subrounded, fine grained sand.	0.2	#3 Sand
		CL		(CL) 87.5'-90' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity. Below 88.5' - Caliche nodules.	0.0	3rd Temporary well set at 90'
90	GW-90 SS-90	ML		(ML) 90'-95' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; Low plasticity.	0.0	
					0.0	
95		CL		(CL) 95'-102' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff to hard; Medium plasticity; Trace rounded to subrounded, coarse grained sand; 3" lens with coarse grained sand.	0.9	Cement - 5% bentonite slurry
					0.4	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 95'-102' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff to hard; Medium plasticity; Trace rounded to subrounded, coarse grained sand; 3" lens with coarse grained sand. *(continued)*	0.6	
		ML		(ML) 102'-105' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Fine to medium grained sand; Low plasticity; Trace clay.	0.5	Hydrated bentonite
105						
		CL		(CL) 105'-114.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low to medium plasticity; Trace fine grained sand.	0.4	#3 Sand
					0.0	4th Temporary well set at 110'
110	GW-110 SS-110			Below 109.5' - Few subrounded, coarse grained sand; Few subrounded, coarse caliche gravel. Below 110' - No sand or gravel.	0.0	
					0.6	Cement - 5% bentonite slurry
115		ML		(ML) 114.5'-118.5' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine grained sand; No plasticity.	0.9	
					2.3	5th Temporary well water level (117')
		CL		(CL) 118.5'-120' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace fine grained sand.		
120	SS-120	ML		(ML) 120'-124' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft to stiff; Subangular to subrounded grains; Fine to medium grained sand; No plasticity.	2.2	
					0.2	Hydrated bentonite
125		ML		(ML) 124'-128.5' Strong brown (7.5YR5/6); **SILT**; Moist; Stiff; Medium plasticity; Few fine grained sand.	0.2	#3 Sand
					0.2	5th Temporary well set at 130'
		SM		(SM) 128.5'-130' Brown (7.5YR4/4); **SILTY SAND**; Moist; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.		
130	GW-130 SS-130	ML		(ML) 130'-144' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few rounded to subrounded, fine grained sand.	0.7	6th Temporary well water level (132.6')

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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BORING NUMBER U4U5-5

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(ML) 130'-144' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few rounded to subrounded, fine grained sand. *(continued)*	1.2	
135					1.3	Cement - 5% bentonite slurry
		ML			0.2	
140	SS-140				0.3	
					0.5	Hydrated bentonite
145		ML		(ML) 144'-145' Brown (7.5YR5/4); **GRAVELLY SILT**; Moist; Soft; Low plasticity; Caliche gravel nodules; Few rounded to subrounded, fine grained sand.	0.2	#3 Sand
		ML		(ML) 145'-150' Brown (7.5YR5/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand.	0.3	6th Temporary well set at 150'
150	GW-150 SS-150				0.0	

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BORING NUMBER U4U5-5

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/15/16 **COMPLETED** 9/27/16
GROUND ELEVATION 1812.458 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717543.9
LOGGED BY J. Bunkers/W.Green **CHECKED BY** J. Walker
EASTING 827990.902
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
	SS-2.5	SM		(SM) 2.5'-3' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
5	SS-5	SM		(SM) 5'-5.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
	SS-7.5	SM		(SM) 7.5'-8' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
10	SS-10	SM		(SM) 10'-10.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	7.3	
15	SS-15			15'-17' Abandoned clay pipe filled with concrete.	4.5	Cement - 5% bentonite slurry
	SS-17.5			(SM) 17'-28' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	3.6	
20	SS-20				1.5	
	SS-22.5	SM			1.1	
25	SS-25				1.0	
	SS-27.5				1.6	
30		SW-SM		(SW-SM) 28'-31.5' Dark Brown (7.5YR3/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM			1.2	
	SS-32.5	ML		(ML) 31.5'-56' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand; Medium plasticity; Trace gravel.	0.6	
35	SS-35				0.5	Hydrated bentonite
					0.5	#3 Sand
40	SS-40				0.7	
	GW-42				2.7	1st Temporary well water level (41')
45					1.9	1st Temporary well set at 42'
					1.1	2nd Temporary well water level (42.6')
50	SS-50			Below 50.5' - Stiff; Fine grained sand; Low to medium plasticity.	0.8	Cement - 5% bentonite slurry
					0.3	
55					0.2	3rd Temporary well water level (55')
	SS-57.5	SP		(SP) 56'-57.5' Brown (7.5YR4/4); **Poorly Graded SAND**; Moist; Loose; Subangular to subrounded grains; Medium to coarse grained sand.		
		ML		(ML) 57.5'-58.5' Brown (7.5YR4/4); **SILT with SAND**; Moist; Stiff; Subangular to subrounded grains; Fine grained sand; Low to medium plasticity.	0.1	Hydrated bentonite
60	SS-60	CL		(CL) 58.5'-64' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Few caliche nodules; Trace fine grained sand.	0.2	#3 Sand
					0.2	2nd Temporary well set at 66'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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TETRA TECH, INC.

BORING NUMBER U4U5-5

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 64'-68.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded; grains; Fine to coarse grained sand; Low plasticity; Trace gravel. *(continued)*	0.1	
	GW-66	ML			0.5	4th Temporary well water level (66')
70	SS-70	ML		(ML) 68.5'-79' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity; Trace caliche gravel. Below 70.5' - No caliche.	1.4	
					0.5	Cement - 5% bentonite slurry
75					0.5	
					0.0	
80	SS-80	ML		(ML) 79'-82' Brown (7.5YR5/4); **SILT with SAND**; Moist; Stiff; Subrounded grains; Fine to medium grained sand; Medium plasticity.	0.0	
		CL		(CL) 82'-85' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Few fine grained sand; Hard caliche nodules.	0.1	Hydrated bentonite
85		ML		(ML) 85'-87.5' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Low to medium plasticity; Few subangular to subrounded, fine grained sand.	0.2	#3 Sand
		CL		(CL) 87.5'-90' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity. Below 88.5' - Caliche nodules.	0.0	3rd Temporary well set at 90'
90	GW-90 SS-90	ML		(ML) 90'-95' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; Low plasticity.	0.0	
					0.0	
95		CL		(CL) 95'-102' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff to hard; Medium plasticity; Trace rounded to subrounded, coarse grained sand; 3" lens with coarse grained sand.	0.9	Cement - 5% bentonite slurry
					0.4	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 95'-102' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff to hard; Medium plasticity; Trace rounded to subrounded, coarse grained sand; 3" lens with coarse grained sand. *(continued)*	0.6	
		ML		(ML) 102'-105' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Fine to medium grained sand; Low plasticity; Trace clay.	0.5	Hydrated bentonite
105						
		CL		(CL) 105'-114.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low to medium plasticity; Trace fine grained sand.	0.4	#3 Sand
					0.0	4th Temporary well set at 110'
110	GW-110 SS-110			Below 109.5' - Few subrounded, coarse grained sand; Few subrounded, coarse caliche gravel. Below 110' - No sand or gravel.	0.0	
					0.6	Cement - 5% bentonite slurry
115		ML		(ML) 114.5'-118.5' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine grained sand; No plasticity.	0.9	
					2.3	5th Temporary well water level (117')
		CL		(CL) 118.5'-120' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace fine grained sand.		
120	SS-120	ML		(ML) 120'-124' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft to stiff; Subangular to subrounded grains; Fine to medium grained sand; No plasticity.	2.2	
					0.2	Hydrated bentonite
125		ML		(ML) 124'-128.5' Strong brown (7.5YR5/6); **SILT**; Moist; Stiff; Medium plasticity; Few fine grained sand.	0.2	#3 Sand
					0.2	5th Temporary well set at 130'
		SM		(SM) 128.5'-130' Brown (7.5YR4/4); **SILTY SAND**; Moist; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.		
130	GW-130 SS-130	ML		(ML) 130'-144' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few rounded to subrounded, fine grained sand.	0.7	6th Temporary well water level (132.6')

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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BORING NUMBER U4U5-5

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(ML) 130'-144' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few rounded to subrounded, fine grained sand. *(continued)*	1.2	
135					1.3	Cement - 5% bentonite slurry
		ML			0.2	
140	SS-140				0.3	
					0.5	Hydrated bentonite
145		ML		(ML) 144'-145' Brown (7.5YR5/4); **GRAVELLY SILT**; Moist; Soft; Low plasticity; Caliche gravel nodules; Few rounded to subrounded, fine grained sand.	0.2	#3 Sand
		ML		(ML) 145'-150' Brown (7.5YR5/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand.	0.3	6th Temporary well set at 150'
150	GW-150 SS-150				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-6

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/17/16 **COMPLETED** 10/20/16
GROUND ELEVATION 1812.333 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717557.953
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828074.668
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **Asphalt**		
	SS-1	SP		(SP) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0.0	
	SS-2.5	SP		(SP) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand; Trace silt.	0.0	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand; Trace silt.	0.2	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand; Trace silt.	0.0	
	SS-12.5	SM		(SM) 12'-32' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.3	
15	SS-15			Below 15' - Trace clay.	0.0	
	SS-17.5				0.1	Cement - 5% bentonite slurry
20	SS-20				0.2	
	SS-22.5				0.0	
25	SS-25				0.0	
	SS-27.5				0.1	
30				Below 29' - Light Gray (7.5YR7/1).		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-32' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand. *(continued)*	0.2	
	SS-32.5	ML		(ML) 32'-42' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0.2	
35	SS-35			Below 34' - Trace clay.	0.0	Hydrated bentonite
				Below 37' - Wet.	0.2	#3 Sand
40					0.2	1st Temporary well water level (40.9')
	SS-41.5					2nd Temporary well water level (41.6')
	GW-42			42'-50' **No Recovery**.		1st Temporary well set at 42'
45						
50		ML		(ML) 50'-54' Brown (7.5YR5/4); **SILT**; Wet; Medium plasticity; Trace caliche gravel; Trace fine grained sand.	0.3	Cement - 5% bentonite slurry
					0.1	
55		ML		(ML) 54'-55' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Medium plasticity; Trace fine grained sand; Caliche gravel.		3rd Temporary well water level (57')
		ML		(ML) 55'-59' Brown (7.5YR5/4); **SILT**; Wet; Medium plasticity; Trace caliche gravel; Trace fine grained sand.	0.2	
					0.1	Hydrated bentonite
60		SP		(SP) 59'-60' Brown (7.5YR5/4); **Poorly Graded SAND**; Wet; Loose.		
	SS-60	ML		(ML) 60'-66' Brown (7.5YR5/4); **SANDY SILT**; Wet; Soft to firm; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0.1	#3 Sand
					0.3	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-6

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-66' Brown (7.5YR5/4); **SANDY SILT**; Wet; Soft to firm; Fine to coarse grained sand; Low plasticity; Trace caliche gravel. *(continued)*	0.1	2nd Temporary well set at 66'
	GW-66	ML		(ML) 66'-69' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity.	0.0	4th Temporary well water level (66')
70		ML		(ML) 69'-71' Light brown (7.5YR6/4); **SANDY SILT with GRAVEL**; Wet; Soft to firm; Fine to coarse grained sand; Caliche gravel.	0.0	
				(ML) 71'-90' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity.	0.1	Cement - 5% bentonite slurry
75					0.4	
					1.3	
80		ML		Below 80' - Trace caliche nodules.	0.3	
				Below 82.5' - No caliche; Trace fine grained caliche sand.	0.2	Hydrated bentonite
85					0.0	#3 Sand
				Below 87.5' - Light brown (7.5YR6/4); Medium plasticity.	0.2	3rd Temporary well set at 90'
90	GW-90				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-7

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/8/16 **COMPLETED** 12/8/16
GROUND ELEVATION 1812.809 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717563.629
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828112.379
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Few subangular gravel.	0.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Few subangular gravel.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Trace subangular gravel.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Trace subangular gravel.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Trace subangular gravel.	0.1	
	SS-12.5	SP		(SP) 12'-14' **Fill - Poorly Graded SAND**.	0.1	
15	SS-15	SP-SM		(SP-SM) 14'-17.5' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to Subrounded grains; Fine grained sand; Few gravel.	0.1	
	SS-17.5			17.5'-18' **Pulverized Pipe.**	0.4	Cement - 5% bentonite slurry
				18'-19' **Pulverized Concrete.**		
20	SS-20	SW-SM		(SW-SM) 19'-25' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.2	
	SS-22.5				0.3	
25	SS-25			25'-28' **No Recovery**.	0.4	
		SW-SM		(SW-SM) 28'-35' **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 28'-35' **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.5	
	SS-32.5				0.3	
35	SS-35			(ML) 35'-40' Brown (7.5YR4/4); **SANDY SILT**; Moist, Soft; Rounded grains; Fine grained sand.	0.3	
	SS-37.5	ML		Below 37.5' - Wet.	0.3	Hydrated bentonite
40	SS-40			(ML) 40'-45' Brown (7.5YR4/4); **SILT**; Wet; Soft; No plasticity; Few fine grained sand; Trace clay.	0.3	#3 Sand
		ML			0.3	1st Temporary well water level (42') 2nd Temporary well water level (42.5') 1st Temporary well set at 45'
45	GW-45			45'-54.5' **No Recovery.**	0.2	
50						Cement - 5% bentonite slurry
55	SS-55	CL		(CL) 54.5'-60' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft; Low plasticity; Rounded grains; Fine grained sand.	0.3	
					0.1	
60	SS-60	ML		(ML) 60'-70' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.1	Hydrated bentonite
					0.2	#3 Sand

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BORING NUMBER U4U5-7

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-70' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand. *(continued)*	0.2	2nd Temporary well set at 67.5'
	GW-67.5				0.1	
				Below 68.5' - Few fine grained sand.		
70	SS-70	SM		(SM) 70'-75.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity; Trace clay.	0.2	
					0.2	
75		SW-SM		(SW-SM) 75.5'-75.75' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.3	Cement - 5% bentonite slurry 3rd Temporary well water level (76.5')
		SM		(SM) 75.75'-79' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity; Trace clay.	0.3	
80	SS-80	CL		(CL) 79'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low Plasticity; Trace fine grained sand.	0.3	
					0.2	Hydrated bentonite
85					0.3	#3 Sand
					0.3	3rd Temporary well set at 90'
90	SS-90 GW-90				0.7	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-8

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/18/16 **COMPLETED** 12/7/16
GROUND ELEVATION 1812.985 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717574.592
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828173.236
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP		(SP) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND**; Dry; Loose; Angular to subangular grains; Fine grained sand; Few gravel; Trace silt.	0.1	
	SS-2.5	SP		(SP) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND**; Dry; Loose; Angular to subangular grains; Fine grained sand; Few gravel.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.2	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.0	
	SS-12.5			12'-14' **Pulverized Concrete.**	0.9	
15	SS-15	SP-SM		(SP-SM) 14'-15.5' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine grained sand; Trace gravel.	0.4	
				15.5'-16' **Pulverized Pipe.**		
				16'-18' **No Recovery.**		
				18'-18.5' **Pulverized Concrete.**		Cement - 5% bentonite slurry
20	SS-20	SW-SM		(SW-SM) 18.5'-34.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.3	
	SS-22.5				0.4	
25	SS-25				0.2	
	SS-27.5				0.3	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 18.5'-34.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.2	
	SS-32.5				0.1	
35	SS-35	ML		(ML) 34.5'-45' Brown(7.5YR4/4); **SANDY SILT**; Moist, Soft; Rounded grains; Fine grained sand; No plasticity; Trace clay.	0.2	
	SS-37.5			Below 38' - Wet.	0.2	Hydrated bentonite
40	SS-40				0.2	#3 Sand
				Below 43' - Fine to coarse grained sand.	0.2	1st Temporary well water level (42.6')
45	GW-45	SW-SM		(SW-SM) 45'-50' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.6	1st Temporary well set at 45'
					0.4	
50	SS-50	ML		(ML) 50'-59' Brown (7.5YR4/4); **SILT**; Wet; Soft to Firm; Low plasticity; Few rounded, fine grained sand.	1.1	2nd Temporary well water level (50.5')
					0.2	
55					0.2	Cement - 5% bentonite slurry
					0.2	
60	SS-60	ML		(ML) 59'-64' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft to Firm; Rounded grains; Fine grained sand; Low plasticity.	0.2	Hydrated bentonite
					0.3	#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-8

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 64'-70.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low Plasticity; Few rounded, fine grained sand. *(continued)*	0.2	2nd Temporary well set at 67.5'
	GW-67.5	CL			0.2	
70	SS-70				0.2	
		CL		(CL) 70.5'-71' Light brown (7.5YR6/4); **GRAVELLY Lean CLAY**; Wet; Firm; Angular to subrounded grains; Low plasticity; Few fine to coarse grained sand.		
		SM		(SM) 71'-75' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity.	0.2	
75					0.2	Cement - 5% bentonite slurry
				(CL) 75'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace rounded, fine grained sand.	0.1	
80	SS-80				0.1	3rd Temporary well water level (81.5')
		CL			0.1	Hydrated bentonite
85					0.1	#3 Sand
					0.1	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-9

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/18/16 **COMPLETED** 12/6/16
GROUND ELEVATION 1812.818 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717579.641
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828217.077
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light Brown (7.5YR6/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.2	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
	SS-12.5			12'-14' **Pulverized Concrete.**	0.2	
15	SS-15	SP-SM		(SP-SM) 14'-17' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel.	0.3	
	SS-17.5			17'-18' **Pulverized Concrete.**	0.5	
		SW-SM		(SW-SM) 18'-20' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Cement - 5% bentonite slurry
20	SS-20	SM		(SM) 20'-21.5' White (7.5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.4	
	SS-22.5			(SW-SM) 21.5'-31.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.0	
25	SS-25	SW-SM			0.0	
	SS-27.5				1.3	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM			0.1	
	SS-32.5	SM		(SM) 31.5'-35' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Rounded grains; Fine grained sand.	0.0	
35	SS-35			(ML) 35'-68' Brown (7.5YR4/4); **SILT**; Moist; Soft; No plasticity; Few rounded, fine grained sand.	0.0	1st Temporary well water level (37.5')
	SS-37.5			Below 38' - Wet.	0.0	Hydrated bentonite
40	SS-40				0.0	2nd Temporary well water level (41') #3 Sand
45	GW-46			Below 46' - Trace fine grained sand.	0.0	1st Temporary well set at 46'
50	SS-50	ML		Below 53' - Light brown (7.5YR6/4); Low plasticity.	0.0	Cement - 5% bentonite slurry
55					0.0	
60	SS-60			Below 59' - Trace caliche nodules. Below 60.5' - No caliche.	0.0	Hydrated bentonite
					0.0	#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 35'-68' Brown (7.5YR4/4); **SILT**; Moist; Soft; No plasticity; Few rounded, fine grained sand. *(continued)*	0.0	2nd Temporary well set at 68'
	GW-68	CL		(CL) 68'-69.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft to firm; Low plasticity; Trace rounded, fine grained sand.	0.0	
70	SS-70	SW-SM		(SW-SM) 69.5'-70.5' Dark Brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.3	
		ML		(ML) 70.5'-77.5' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.	0.2	Cement - 5% bentonite slurry
75					0.1	
		CL		(CL) 77.5'-80.5' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft to firm; Rounded to subrounded grains; Fine grained sand; Low plasticity.	0.1 0.1	
80	SS-80	CL		(CL) 80.5'-82' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Trace rounded, fine grained sand.	0.1	
		ML		(ML) 82'-83.5' Brown (7.5YR 4/4); **SILT**; Wet; Soft to firm; Low plasticity; Few rounded, fine grained sand.	0.2	Hydrated bentonite
85		CL		(CL) 83.5'-100' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity.	0.1	#3 Sand
					0.2	3rd Temporary well water level (88.5')
90	SS-90 GW-90				0.2	3rd Temporary well set at 90'
				Below 92.5' - Trace rounded, fine grained sand.	0.1	
95				Below 96' - Trace caliche nodules.	0.2	Cement - 5% bentonite slurry
					0.1	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 83.5'-100' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity. *(continued)*		
		ML		(ML) 100'-103.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm; Rounded grains; Fine grained sand; Low plasticity; Trace caliche gravel.	0.1 0.1	Hydrated bentonite
105		CL		(CL) 103.5'-105.5' Light Brown (7.5YR6/3); **Lean CLAY with GRAVEL**; Wet; Firm; Subangular to subrounded gravel; Low plasticity; Few subangular to subrounded, fine to coarse grained sand.	0.2	4th Temporary well water level (103.5')
		CL		(CL) 105.5'-113.5' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace rounded, fine grained sand.	0.1	#3 Sand
110	SS-110 GW-110				0.1	4th Temporary well set at 110'
					0.1	Cement - 5% bentonite slurry
115		ML		(ML) 113.5'-116' Brown (7.5YR4/4); **SILT**; Wet; Soft to firm; Low plasticity; Few rounded, fine grained sand.	0.0	
		CL		(CL) 116'-122' Brown (7.5YR 4/4); **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Trace rounded, fine grained sand.	0.0	5th Temporary well water level (117')
120	SS-120				0.0	
		ML		(ML) 122'-124' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0.0	Hydrated bentonite
125		CL		(CL) 124'-126' Brown (7.5YR4/4) **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Trace rounded, fine grained sand.	0.0	#3 Sand
		ML		(ML) 126'-129' Brown (7.5YR4/4) Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm to stiff; Rounded grains; Fine to medium grained sand; Low plasticity; Trace subangular gravel.	0.0	5th Temporary well set at 130'
130	SS-130 GW-130	ML		(ML) 129'-130.5' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0.0	
		CL		(CL) 130.5'-143.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-9

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 130.5'-143.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand. *(continued)*	0.0 0.1 0.1	Cement - 5% bentonite slurry
140	SS-140				0.0 0.1	Hydrated bentonite 6th Temporary well water level (143')
145		CL		(CL) 143.5'-145' Light Brown (7.5YR6/4); **GRAVELLY Lean CLAY**; Wet; Firm; Angular to subangular gravel; Low plasticity; Caliche nodules; Few subangular, fine to coarse grained sand.		#3 Sand
		CL		(CL) 145'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0.0 0.1 0.1	6th Temporary well set at 150'
150	SS-150 GW-150					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-10

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/8/16 **COMPLETED** 11/29/16
GROUND ELEVATION 1812.706 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717590.435
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828278.022
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry, Medium dense; Subangular subrounded grains; Fine grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry, Medium dense; Subangular subrounded grains; Fine grained sand.	0.0	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry, Loose; Subangular subrounded grains; Fine grained sand.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry, Loose; Subangular to subrounded grains; Fine grained sand; Few gravel.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry, Medium dense; Subangular to subrounded grains; Fine grained sand.	0.1	
	SS-12.5	SP		(SP) 12'-14' **Fill - Poorly Graded SAND.**	0.3	
				14'-15' **Pulverized Concrete.**		
15	SS-15	SW		(SW) 15'-15.5' Brown (7.5YR5/4); **Well Graded SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.1	
				15.5'-15.75' **Pulverized Pipe**.		Cement - 5% bentonite slurry
				15.75'-17.75' **No Recovery**.		
				17.75'-18' **Pulverized Concrete**.		
				(SW-SM) 18'-32' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
20	SS-20				0.1	
	SS-22.5	SW-SM			0.0	
25	SS-25				1.5	
	SS-27.5				0.8	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 18'-32' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.5	
	SS-32.5	SM		(SM) 32'-35' White (7.5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine grained sand; Trace caliche gravel. Below 32.5' - No caliche nodules.	0.1	
35	SS-35	ML		(ML) 35'-43' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft; Rounded to subrounded grains; Fine grained sand; No plasticity.	0.1	Hydrated bentonite
	SS-37.5			Below 38' - Wet.	0.2	#3 Sand
40	SS-40				0.1	1st Temporary well water level (41.2')
	GW-43				0.1	2nd Temporary well water level (41.5')
45		ML		(ML) 43'-49' Brown (7.5YR4/4); **SILT**; Wet; Soft to firm; Low plasticity; Trace rounded, fine grained sand.	0.8 0.6	1st Temporary well set at 43'
50	SS-50	CL		(CL) 49'-57.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace rounded, fine grained sand.	0.5 0.7	Cement - 5% bentonite slurry
55					0.5	
60	SS-60	ML		(ML) 57.5'-65' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace rounded, fine grained sand.	0.4 0.7	Hydrated bentonite #3 Sand
					0.9	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-10

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		65'-66.5' **No Recovery.**	0.5	2nd Temporary well set at 66.5'
	GW-66.5	SW-SM		(SW-SM) 66.5'-68' Dark Brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.	0.9	
		ML		(ML) 68'-70' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.		
70	SS-70			(SM) 70'-75' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity.	0.6	3rd Temporary well water level (69.5')
		SM			0.5	Cement - 5% bentonite slurry
75				(ML) 75'-80' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft to firm; Rounded grains; Fine grained sand.	0.6	
		ML			1.0	
80	SS-80	SW-SM		(SW-SM) 80'-80.5' Dark Brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Subangular grains; Fine to coarse grained sand; Trace gravel.	0.6	
		ML		(ML) 80.5'-82.5' Brown (7.5YR4/4); **SILT**; Wet; Soft to firm; No plasticity; Trace rounded, fine grained sand.	0.9	Hydrated bentonite
		CL		(CL) 82.5'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Few fine rounded, fine grained sand.		
85					0.6	#3 Sand
					0.4	3rd Temporary well set at 90'
90	SS-90 GW-90				0.3	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-11

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/9/16 **COMPLETED** 11/21/16
GROUND ELEVATION 1812.523 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717597.651
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828324.594
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded sand; Subangular gravel; Fine grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded sand; Subangular gravel; Fine grained sand.	0.0	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.	0.1	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.		
15	SS-15			15'-35' **No Recovery.**		Cement - 5% bentonite slurry
20						
25						
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				15'-35' **No Recovery.** *(continued)*		
35	SS-35			(ML) 35'-43' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.		Hydrated bentonite
	SS-37.5				0.9	#3 Sand
		ML		Below 38' - Wet.		1st Temporary well water level (41')
40	SS-40				0.6	2nd Temporary well water level (42.4')
	GW-43				0.9	1st Temporary well set at 43'
		CL		(CL) 43'-44' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace fine grained sand.		
45		ML		(ML) 44'-46.5' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.0	
				(CL) 46.5'-56' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Few fine to medium grained sand.	0.0	
50	SS-50	CL			0.0	Cement - 5% bentonite slurry
					0.0	
55					0.0	
				(ML) 56'-65.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity; Trace clay.	0.0	
60	SS-60	ML			0.0	Hydrated bentonite
					0.0	3rd Temporary well water level (60.6')
					0.0	#3 Sand

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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TETRA TECH, INC.

BORING NUMBER U4U5-11

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 56'-65.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity; Trace clay. *(continued)*	0.0	2nd Temporary well set at 66.5'
	GW-66.5	CL		(CL) 65.5'-68.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.0	
70	SS-70	CL		(CL) 68.5'-70.5' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Few gravel.	0.0	
	SS-71	SW-SM		(SW-SM) 70.5'-71' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
		ML		(ML) 71'-77' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.0	Cement - 5% bentonite slurry
75					0.0	
		ML		(ML) 77'-81' Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity.	0.0	
80	SS-80				0.0	
		CL		(CL) 81'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm to stiff; Low plasticity.	0.0	Hydrated bentonite
85					0.0	#3 Sand
					0.0	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-12

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/15/16 **COMPLETED** 9/16/16
GROUND ELEVATION 1812.203 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717605.77
LOGGED BY J. Bunkers/J. Souza **CHECKED BY** J. Walker
EASTING 828395.94
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.0	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.0	
5	SS-5	SP-SM		(SP-SM) 5'-5.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.0	
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Dark yellowish brown (10YR4/6); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.0	
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.0	
	SS-12.5	SP-SM		(SP-SM) 12'-15' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.		
15	SS-15	SW-SM		(SW-SM) 15'-23' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Cement - 5% bentonite slurry
	SS-17.5					
20	SS-20					
	SS-22.5					
25	SS-25	SM		(SM) 23'-40' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-27.5					
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(SM) 23'-40' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel. *(continued)*		
	SS-32.5					
35	SS-35	SM				
	SS-37.5					
40	SS-40					1st Temporary well water level (40')
	SS-42.5	SW-SM		(SW-SM) 40'-45' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Hydrated bentonite
45	SS-45			(ML) 45'-58' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity.		#3 Sand
					0.1	1st Temporary well set at 50'
50	GW-50			Below 50' - Few fine grained sand.	0.1	
		ML			0.2	2nd Temporary well water level (51')
55					0.1	Cement - 5% bentonite slurry
					0.1	
		ML		(ML) 58'-61' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Fine grained sand; Low plasticity.		
60					0.2	
		ML		(ML) 61'-65' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand.	0.3	Hydrated bentonite

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TETRA TECH, INC.

BORING NUMBER U4U5-12

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		ML		(ML) 65'-70' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine to medium grained sand; Low plasticity.	0.5 2.7	#3 Sand 2nd Temporary well set at 70'
70	GW-70	ML		(ML) 70'-72' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; Medium plasticity.	1.6	
		SP-SM		(SP-SM) 72'-75' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Angular to rounded grains; Medium grained sand; Trace gravel.	0.5	
75		ML		(ML) 75'-84' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand; Low plasticity.	0.3 0.3 0.3 0.5	Cement - 5% bentonite slurry Hydrated bentonite
80						
85		CL		(CL) 84'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity; Caliche nodules.	0.1 0.0	#3 Sand 3rd Temporary well water level (85') 3rd Temporary well set at 90'
90	GW-90				0.0	

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BORING NUMBER U4U5-13

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/26/16 **COMPLETED** 7/27/16
GROUND ELEVATION 1812.505 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717649.96
LOGGED BY B. Shams/J. Thacker **CHECKED BY** J. Walker
EASTING 828467.683
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.2	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
10	SS-10	SM		(SM) 10'-10.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-12.5	SM		(SM) 12'-25' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to medium grained sand.	1.5	
15	SS-15				2.8	
	SS-17.5			Below 17.5' - Fine to coarse grained sand.	1.9	
20	SS-20			Below 20' - 7.5YR 5/4(Brown).	5.0	Cement - 5% bentonite slurry
	SS-22.5				2.7	
25	SS-25					
	SS-27.5	SW-SM		(SW-SM) 25'-35' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand. Below 28' - Some gravel up to 2".	1.9	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 25'-35' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand. *(continued)*		
	SS-32.5			Below 32' - Caliche nodules.	0.1	
				Below 33' - No caliche.		
35	SS-35	SM		(SM) 35'-42' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Loose; Subrounded grains; Fine grained sand; Caliche gravel; Trace clay.	0.5	
	SS-37.5				0.3	1st Temporary well water level (41.61')
40	SS-40				1.5	2nd Temporary well water level (42.15')
		CL		(CL) 42'-70' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace gravel; Trace fine grained sand.	2.5	Hydrated bentonite
45					2.1	#3 Sand
					3.3	3rd Temporary well water level (45.9')
50	GW-50			Below 50' - Dry; Low to medium plasticity; Caliche nodules.	4.2	1st Temporary well set at 50'
					2.7	
55				Below 55' - Light brown (7.5YR6/4); Few fine grained sand.	2.2	Cement - 5% bentonite slurry
					2.6	
60				Below 60' - Strong brown (7.5YR5/6).	2.2	
					0.8	Hydrated bentonite

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TETRA TECH, INC.

BORING NUMBER U4U5-13

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 42'-70' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace gravel; Trace fine grained sand. *(continued)*	1.7	#3 Sand
					1.4	2nd Temporary well set at 70'
70	GW-70			(CL) 70'-82' Brown (7.5YR5/4); **SANDY Lean CLAY**; Dry; Stiff; Subrounded grains; Fine grained sand; Low plasticity; Few gravel.	1.1	
					0.7	
75		CL		Below 74.5' - Some caliche nodules.	0.8	Cement - 5% bentonite slurry
					1.1	
80					0.4	
		SW		(SW) 82'-83' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.4	Hydrated bentonite
		CL		(CL) 83'-90' Brown (7.5YR5/4); **SANDY Lean CLAY**; Moist; Stiff; Subrounded grains; Fine grained sand; Low plasticity; Few gravel.		
85					0.3	#3 Sand
					0.4	3rd Temporary well set at 90'
90	GW-90				0.5	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-14

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/12/16 **COMPLETED** 7/14/16
GROUND ELEVATION 1812.659 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717651.441
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828510.671
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Pinkish gray (7.5YR6/2); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Pinkish gray (7.5YR6/2); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Trace gravel.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Moist from hydrovac; Loose; Fine to coarse grained sand; Trace gravel.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Dark brown (7.5YR3/4); **SILTY SAND**; Moist from hydrovac; Loose; Fine to coarse grained sand; Trace gravel.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Trace gravel.	0.3	
	SS-12.5			(SM) 12'-44.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.		
15	SS-15					
	SS-17.5					
20	SS-20	SM				Cement - 5% bentonite slurry
	SS-22.5					
25	SS-25					
	SS-27.5					
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-44.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel. *(continued)*		
	SS-32.5					
35	SS-35					
	SS-37.5					
40	SS-40			Below 41' - Brown (7.5YR4/4); Fine to medium grained sand.		
	SS-42.5					Hydrated bentonite
45	SS-45	ML		(ML) 44.5'-50' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Low plasticity; Trace rounded, fine grained sand.		#3 Sand 1st Temporary well water level (48.4')
50	GW-50			50'-59.5' **No Recovery.**		1st Temporary well set at 50'
						2nd Temporary well water level (51')
55						Cement - 5% bentonite slurry
60		ML		(ML) 59.5'-73' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Low plasticity; Trace fine grained sand.		Hydrated bentonite

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TETRA TECH, INC.

BORING NUMBER U4U5-14

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 59.5'-73' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Low plasticity; Trace fine grained sand. *(continued)*		#3 Sand
		ML				2nd Temporary well set at 70'
70	GW-70					
					1.8	
		SP-SM		(SP-SM) 73'-74.5' Dark brown (7.5YR3/2); **Poorly Graded SAND with SILT**; Wet; Dense; Subrounded grains; Coarse grained sand.		3rd Temporary well water level (74')
75				(ML) 74.5'-88' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand.	1.1	
					0.8	Cement - 5% bentonite slurry
80					0.5	
		ML				
					0.3	Hydrated bentonite
85					0.3	#3 Sand
		SW-SM		(SW-SM) 88'-88.5' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Dense; Fine to coarse grained sand.	0.1	3rd Temporary well set at 90'
		ML		(ML) 88.5'-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand.	0.1	
90	GW-90					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-15

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/11/16 **COMPLETED** 7/13/16
GROUND ELEVATION 1812.741 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717659.795
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828542.863
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-12.5	SM		(SM) 12'-41.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	2.1	
15	SS-15				1.1	
	SS-17.5				4.1	
20	SS-20			Below 21' - Light yellowish brown (10YR6/4).	1.2	Cement - 5% bentonite slurry
	SS-22.5				0.6	
25	SS-25				2.5	
	SS-27.5				0.0	
30				Below 29' - Yellowish brown (10YR5/4).		

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TETRA TECH, INC.

BORING NUMBER U4U5-15

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-41.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel. *(continued)*	0.0	
	SS-32.5				0.3	
35	SS-35				1.0	
	SS-37.5				0.0	
40	SS-40				0.9	
				Below 41' - Light gray (10YR7/1); Caliche nodules.		
	SS-42.5	ML		(ML) 41.5'-45' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand.	1.0	Hydrated bentonite
45	SS-45			45'-48' **No recovery**	0.1	#3 Sand
		ML		(ML) 48'-50' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand.		1st Temporary well water level (46.2')
50	GW-50			50'-69' **No recovery**	0.0	2nd Temporary well water level (46.65')
						1st Temporary well set at 50'
						3rd Temporary well water level (50.3')
55						Cement - 5% bentonite slurry
60						Hydrated bentonite

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TETRA TECH, INC.

BORING NUMBER U4U5-15

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				50'-69' **No recovery** *(continued)*		#3 Sand
						2nd Temporary well set at 70'
70	GW-70	CL		(CL) 69'-72' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Medium plasticity; Trace rounded, fine grained sand.		
		ML		(ML) 72'-79.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; No plasticity; Trace subrounded, fine grained sand; Trace clay.	1.6	
75					1.7	Cement - 5% bentonite slurry
					0.9	
80		SW-SM		(SW-SM) 79.5'-80.5' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand.	0.6	
		ML		(ML) 80.5'-83.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; Trace rounded, fine grained sand; Trace clay.	0.6	Hydrated bentonite
		SW-SM		(SW-SM) 83.5'-84.5' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Medium dense; Subangular to subrounded grains; Fine to medium grained sand.		
85					0.7	#3 Sand
		ML		(ML) 84.5'-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; No plasticity; Trace rounded, fine grained sand.		
					0.5	3rd Temporary well set at 90'
90	GW-90				0.5	

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BORING NUMBER U4U5-16

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/11/16 **COMPLETED** 8/22/16
GROUND ELEVATION 1812.923 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717669.97
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828592.126
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Moist from Hydrovac; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace fine to coarse gravel.	0.2	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	0.1	
15	SS-15	SW		(SW) 15'-17.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.8	
	SS-17.5	SW-SM		(SW-SM) 17.5'-40' Brown (7.5YR5/4); **SAND with SILT with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	1.2	Cement - 5% bentonite slurry
20	SS-20				0.5	
	SS-22.5				0.4	
25	SS-25				0.1	
	SS-27.5				0.1	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 17.5'-40' Brown (7.5YR5/4); **SAND with SILT with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.1	
	SS-32.5				1.2	
35	SS-35				0.1	
	SS-37.5			Below 37.5' - Strong Brown (7.5YR5/6).	0.1	Hydrated bentonite
40	SS-40	SM		(SM) 40'-41' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel; Trace clay.	0.3	#3 Sand
		ML		(ML) 41'-46' Strong brown (7.5YR5/6); **SILT**; Wet; Soft; Low plasticity; Few fine grained sand; Trace clay. Below 42.5' - Medium plasticity.	0.4	1st Temporary well water level (42') 2nd Temporary well water level (44')
45					0.5	
	GW-46	ML		(ML) 46'-50' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Firm; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Few gravel.	0.3	1st Temporary well set at 46'
50	SS-50	ML		(ML) 50'-52.5' Reddish yellow (7.5YR6/8); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity; Trace gravel.	0.0	3rd Temporary well water level (51')
		CL		(CL) 52.5'-60' Brown (7.5YR5/4); **Lean CLAY**; Moist; Hard; Low plasticity; Few fine to medium grained sand.	0.0	Cement - 5% bentonite slurry
55					0.3	
					0.0	
60	SS-60	ML		(ML) 60'-62.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Soft; Fine grained sand; Low plasticity.	0.0	Hydrated bentonite
		ML		(ML) 62.5'-67.5' Brown (7.5YR5/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.0	#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-67.5' Brown (7.5YR5/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand. *(continued)* Below 65' - Firm; Trace gravel.	0.0	2nd Temporary well set at 68'
	GW-68	ML		(ML) 67.5'-68' Strong brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace clay.	0.2	
70	SS-70	CL		(CL) 68'-77' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Trace gravel.	0.4	
					0.1	
75					0.2	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 77'-77.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Wet; Angular to subangular grains; Fine to coarse grained sand.	0.5	4th Temporary well water level (81.4')
80	SS-80	ML		(ML) 77.5'-85' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity; Trace gravel; Trace fine grained sand.	0.5	
					1.6	Hydrated bentonite
85		CL		(CL) 85'-87' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.8	#3 Sand
		SP		(SP) 87'-87.25' Strong brown (7.5YR5/6); **Poorly Graded SAND**; Moist; Subrounded grains; Medium to coarse grained sand.	2.7	3rd Temporary well set at 90'
		CL		(CL) 87.25'-99' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace fine grained sand.		
90	SS-90 GW-90			Below 90' - Light brown 7.5YR(6/4).	1.5	
				Below 92.5' - Strong brown (7.5YR5/6).	0.8	Cement - 5% bentonite slurry
95					1.8	5th Temporary well water level (97')
				Below 97.5' - Brown (7.5YR5/4).	0.4	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	ML		(ML) 99'-102' Brown (7.5YR5/3); **SILT with GRAVEL**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.5	
		CL		(CL) 102'-119' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Low plasticity.	0.7	Hydrated bentonite
105					0.4	#3 Sand
				Below 107.5' - Trace gravel.	0.4	4th Temporary well set at 110'
110	SS-110 GW-110			Below 110' - Brown (7.5YR5/4).	0.5	
					0.9	
115					0.3	Cement - 5% bentonite slurry
					0.8	
120	SS-120	ML		(ML) 119'-122' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace angular to subangular gravel; Trace fine to medium grained sand. Below 120' - Strong brown (7.5YR5/6).	0.6	
		SW-SM ML		(SW-SM) 122'-122.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Wet; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	1.2	Hydrated bentonite
125				(ML) 122.5'-124' Light brown (7.5YR4/4); **SANDY SILT**; Moist; Angular to subangular grains; Fine to coarse grained sand; Trace clay.	0.9	#3 Sand
		CL		(CL) 124'-131.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.8	5th Temporary well set at 130'
130	SS-130 GW-130				0.7	
		ML		(ML) 131.5'-133' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Low plasticity.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-16

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135				(CL) 133'-150' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Soft; Low plasticity; Trace gravel.	0.7	
					0.3	Cement - 5% bentonite slurry
					0.2	
140	SS-140				0.2	
		CL			0.2	Hydrated bentonite
145					0.2	#3 Sand
						6th Temporary well water level (149')
					0.1	
				Below 148.5' - Light brown (7.5YR6/4); Trace fine grained sand.		6th Temporary well set at 150'
150	SS-150 GW-150				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-17

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/8/16 **COMPLETED** 7/12/16
GROUND ELEVATION 1812.79 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717676.211
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828650.357
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.4	
	SS-12.5	SM		(SM) 12'-54.5' Dark yellowish brown (10YR4/6); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to medium grained sand; Few fine to coarse gravel.	1.4	
15	SS-15				1.0	
	SS-17.5				0.5	
20	SS-20				0.6	
	SS-22.5				0.8	
25	SS-25				0.5	Cement - 5% bentonite slurry
	SS-27.5				0.7	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-54.5' Dark yellowish brown (10YR4/6); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to medium grained sand; Few fine to coarse gravel. *(continued)*	1.0	
	SS-32.5				1.0	
35	SS-35				0.4	
	SS-37.5			Below 36.5' - Light gray (10YR7/1); Subangular to subrounded grains; Caliche nodules.	0.5	
40	SS-40				0.5	
	SS-42.5				0.4	
45	SS-45			Below 44' - Yellowish brown (10YR5/4).	0.8	
	SS-47.5				0.3	
50	SS-50			Below 50' - No caliche nodules.	0.3	
	SS-52.5				0.3	Hydrated bentonite
55	SS-55	ML		(ML) 54.5'-62.5' Brown (10YR4/4); **SILT**; Wet; Soft to firm; Low plasticity; Trace rounded, fine grained sand. Below 55.5' - Moist.	0.3	#3 Sand
					0.3	1st Temporary well water level (56.4')
60	GW-60				0.1	1st Temporary well set at 60'
		CL		(CL) 62.5'-67.5' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand.	1.2	2nd Temporary well water level (63.5')

(Continued Next Page)

BORING NUMBER U4U5-17

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 62.5'-67.5' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand. *(continued)*	0.4	Cement - 5% bentonite slurry
					0.2	3rd Temporary well water level (64.42')
70		ML		(ML) 67.5'-76' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace rounded, fine grained sand.	0.1	Hydrated bentonite #3 Sand
					0.0	2nd Temporary well set at 75'
75	GW-75				0.0	
		ML		(ML) 76'-79' Brown (7.5YR4/4); **SILT with SAND**; Moist; Firm; Rounded to subrounded grains; Fine to medium grained sand.	0.0	Cement - 5% bentonite slurry
80		ML		(ML) 79'-84.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; Few rounded, fine grained sand.	0.0	
					0.0	Hydrated bentonite
85		SP-SM		(SP-SM) 84.5'-85' Very dark grayish brown (10YR3/2); **Poorly Graded SAND with SILT**; Moist; Subangular to subrounded grains; Coarse grained sand.	0.0	#3 Sand
		ML		(ML) 85'-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; Few rounded, fine grained sand; Trace clay.	0.0	3rd Temporary well set at 90'
90	GW-90				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-18

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/8/16 **COMPLETED** 7/14/16
GROUND ELEVATION 1812.849 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717683.51
LOGGED BY B. Shams/A. Weimer **CHECKED BY** J. Walker
EASTING 828695.207
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.0	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.0	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.0	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.2	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.0	
	SS-12.5	SW-SM		(SW-SM) 12'-15' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	1.8	
15	SS-15			(SM) 15'-20' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.7	
	SS-17.5	SM			1.3	
20	SS-20			(SW-SM) 20'-25' Brown (7.5YR5/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	1.3	Cement - 5% bentonite slurry
	SS-22.5	SW-SM			0.8	
25	SS-25			(SW-SM) 25'-30' Light brown to brown (7.5YR6/3 to 7.5YR5/3); **Well Graded SAND with SILT**; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.0	
	SS-27.5	SW-SM			0.6	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SP-SM		(SP-SM) 30'-31' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subrounded to rounded grains; Medium grained sand.	0.3	
		SM		(SM) 31'-32' Pinkish gray (7.5YR7/2); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Coarse gravel.		
	SS-32.5	SM			0.1	
		ML		(SM) 32'-33' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Some gravel.		
35	SS-35			(ML) 33'-36' Brown (7.5YR5/3); **SILT**; Dry to moist; Loose; Fine grained sand; Trace clay. Below 35' - Trace gravel.	0.2	
		ML		(ML) 36'-40' Brown (7.5YR5/3); **SILT with SAND**; Moist to wet; Soft; Fine to medium grained sand; Trace clay.		
	SS-37.5				0.1	
40		ML		(ML) 40'-47' Brown (7.5YR5/4); **SILT**; Wet; Soft; No plasticity; Trace fine to medium grained sand; Trace clay.	0.1	
					0.2	Hydrated bentonite
						1st Temporary well water level (42.6')
45					0.0	#3 Sand
						3rd Temporary well water level (46')
		SW		(SW) 47'-49' Dark brown (7.5YR3/2); **Well Graded SAND**; Wet; Soft; Fine to coarse grained sand; Trace silt.	0.0	
50	GW-50			(ML) 49'-60' Brown (7.5YR5/4); **SILT**; Wet; Soft; No plasticity; Trace fine grained sand; Trace clay.	0.0	1st Temporary well set at 50'
					0.3	
		ML				
55				Below 55' - Trace gravel.	0.3	Cement - 5% bentonite slurry
					0.3	
60						
		ML		(ML) 60'-65' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Trace fine grained sand; Trace clay.	0.3	
					0.3	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-18

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 65'-76' Brown (7.5YR5/4); **SILT**; Wet; Soft; No plasticity;Trace fine grained sand; Trace clay.	0.3	#3 Sand 2nd Temporary well water level (65.3')
					0.3	
70	GW-70	ML		Below 70' - Low plasticity; Trace gravel.	0.1	2nd Temporary well set at 70'
				Below 73' - Strong brown (7.5YR4/6); No gravel.	0.7	
75					0.4	Cement - 5% bentonite slurry
		CL		(CL) 76'-79' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Firm; Medium plasticity; Trace fine grained sand.	0.4	
80		ML		(ML) 79'-82' Brown (7.5YR4/3); **SANDY SILT**; Wet; Soft to firm; Fine to medium grained sand.	0.4	
		SM		(SM) 82'-84' Strong brown (7.5YR4/6); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.4	Hydrated bentonite
85		CL		(CL) 84'-90' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Firm; Medium plasticity; Trace fine grained sand.	0.5	#3 Sand
					1.4	3rd Temporary well set at 90'
90	GW-90				0.5	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-19

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/5/16 **COMPLETED** 7/12/16
GROUND ELEVATION 1812.62 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717698.641
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828788.086
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.8	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.7	
5	SS-5	SP-SM		(SP-SM) 5'-5.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.7	
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.5	
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Strong brown (7.5YR4/6); **SANDY SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.4	
	SS-12.5	ML		(ML) 12'-22.5' Strong brown (7.5YR4/6); **SANDY SILT**; Dry; Loose; Fine to coarse grained sand; Trace gravel.		
15	SS-15			Below 15' - Increasing gravel content.	1.5	
	SS-17.5				1.0	
20	SS-20				0.6	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22.5'-25' Brown (7.5YR5/3); **SANDY SILT with GRAVEL**; Dry; Loose; Rounded grains; Medium to coarse grained sand.	0.5	
25	SS-25			(SM) 25'-30' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Dry; Loose; Rounded grains; Medium to coarse grained sand.	0.6	
	SS-27.5	SM			0.5	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(SM) 30'-35' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Medium to coarse grained sand.	0.4	
	SS-32.5	SM			0.6	
35	SS-35	SW-SM		(SW-SM) 35'-37' Strong Brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Subangular to rounded grains; Fine to coarse grained sand.	0.1	
	SS-37.5	ML		(ML) 37'-40' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity.	0.2	
40		CL		(CL) 40'-42.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity.	0.2	1st Temporary well water level (39.8')
		SM		(SM) 42.5'-45' **SILTY SAND**; Moist; Loose; Rounded to subangular grains; Medium to coarse grained sand; Trace gravel.	0.4	Hydrated bentonite
45		ML		(ML) 45'-47' Strong brown (7.5YR4/6); **SILT**; Moist; Soft; Trace fine grained sand.	1.2	#3 Sand
		SP		(SP) 47'-47.5' Brown (7.5YR4/2); **Poorly Graded SAND**; Moist; Angular grains; Medium to coarse grained sand; Trace gravel; Trace silt.	0.9	3rd Temporary well water level (49.5')
50	GW-50	CL		(CL) 47.5'-55' Strong Brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Low plasticity. Below 50' - Firm; Medium plasticity; Trace angular gravel; Trace angular, coarse grained sand.	1.4	2nd Temporary well water level (49.7') 1st Temporary well set at 50'
					1.2	
55		CL		(CL) 55'-60' Brown (7.5YR5/4); **Lean CLAY with SAND**; Moist; Firm; Angular grains; Fine to coarse grained sand; Medium plasticity; Trace gravel.	0.8	Cement - 5% bentonite slurry
					0.6	
60		CL		(CL) 60'-62.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Hard; Low plasticity; Few angular, fine to coarse grained sand; Trace angular gravel.	0.4	
		CL		(CL) 62.5'-65' Light brown (7.5YR6/4); **SANDY Lean CLAY**; Moist; Firm; Angular grains; Medium to coarse grained sand; No plasticity.	0.4	Hydrated bentonite

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TETRA TECH, INC.

BORING NUMBER U4U5-19

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL				
		CL		(CL) 65'-67.5' Light brown (7.5YR6/4); **Lean CLAY**; Moist; Soft; No plasticity; Few gravel; Few fine to coarse grained sand.	0.3	#3 Sand
		ML		(ML) 67.5'-70' Strong brown (7.5YR5/6); **SILT**; Moist; Loose; No plasticity; Trace gravel.	0.2	2nd Temporary well set at 70'
70	GW-70					
		CL		(CL) 70'-80' Brown (7.5Y5/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace angular, coarse grained sand.	0.8	
				Below 72.5' - Moist; Medium plasticity; Few coarse grained sand; Trace gravel.	1.9	
75					1.6	Cement - 5% bentonite slurry
				Below 77.5' - Stiff; No sand or gravel.	1.2	
80						
		ML		(ML) 80'-82.5' **SILT with SAND**; Moist; Firm; Angular grains; Fine to coarse grained sand; Trace gravel.	0.8	
		SM		(SM) 82.5'-85' Brown (7.5YR5/4); **SILTY SAND**; Moist; Firm; Subrounded grains; Fine to coarse grained sand; Trace gravel.	1.7	Hydrated bentonite
85						
		ML		(ML) 85'-87.5' Brown (7.5YR5/4); **SILT**; Moist; Firm; Trace clay.	0.4	#3 Sand
		ML		(ML) 87.5'-90' Brown (7.5YR5/3); **SILT with SAND**; Moist, Firm; Subangular grains; Fine to medium grained sand.	1.9	3rd Temporary well set at 90'
90	GW-90					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-20

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/2/16 **COMPLETED** 8/4/16
GROUND ELEVATION 1813.367 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717321.86
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828104.023
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.8	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.0	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.8	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.9	
	SS-12.5	SW-SM		(SW-SM) 12'-15' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.		
15	SS-15	ML		(ML) 15'-17.5' **SILT with SAND**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.0	Cement - 5% bentonite slurry
	SS-17.5	SW-SM		(SW-SM) 17.5'-25' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.2	
20	SS-20				0.3	
	SS-22.5				0.4	
25	SS-25					
		ML		(ML) 25'-32.5' **SILT with SAND**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-27.5				0.7	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 25'-32.5' **SILT with SAND**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel. *(continued)*	0.9	
	SS-32.5	ML		(ML) 32.5'-37' Pink (7.5YR7/3); **SANDY SILT with GRAVEL**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand.	0.5	
35	SS-35	ML		Below 34' - Strong brown (7.5YR5/6). Below 35' - Wet.	0.4	Hydrated bentonite
	SS-37.5	SW		(SW) 37'-38' Brown (7.5YR5/4); **Well Graded SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.5	#3 Sand
		ML		(ML) 38'-40' Brown (7.5YR5/4); **SILT With SAND**; Wet; Firm; Angular to subangular grains; Medium grained sand; Trace gravel.		3rd Temporary well water level (39.7')
40				40'-45' **No Recovery**.	0.2	1st Temporary well water level (40.3')
	GW-42.5				0.1	1st Temporary well set at 42.5'
45		ML		(ML) 45'-46.5' Brown (7.5YR5/4)**SILT**; Wet; Soft; Low plasticity; Trace subangular, fine to medium grained sand.	1.3	2nd Temporary well water level (42.9')
		ML		(ML) 46.5'-47.5' Strong brown (7.5YR5/6); **SILT with GRAVEL**; Wet; Soft; Subangular to subrounded grains; Low plasticity; Trace fine to coarse grained sand.	0.3	
				(ML) 47.5'-70' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace fine grained sand.		
50					0.7	Cement - 5% bentonite slurry
					0.7	
55		ML			1.0	
				Below 57' - Firm to stiff; Trace gravel.	0.5	
60				Below 60' - Strong brown (7.5YR5/6).	0.4	Hydrated bentonite
					0.3	#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-20

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 47.5'-70' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace fine grained sand. *(continued)*		2nd Temporary well set at 66.5'
	GW-66.5	ML			0.2	
70				(ML) 70'-75' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Firm; Subangular to subrounded grains; Medium grained sand; Low plasticity.	0.4	
		ML			0.5	Cement - 5% bentonite slurry
75				(ML) 75'-79.5' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.5	
		ML			0.5	
80		ML		(ML) 79.5'-80' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.9	
		CL		(CL) 80'-83' Reddish yellow (7.5YR6/6); **Lean CLAY**; Moist; Very stiff; Low plasticity. Trace gravel; Trace fine grained sand.	0.2	Hydrated bentonite
		ML		(ML) 83'-84' Brown (7.5YR5/4); **SILT with SAND**; Wet; Loose; Angular to subangular grains; Low plasticity; Trace fine grained sand.		
85				(CL) 84'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.	0.2	#3 Sand
		CL			0.7	3rd Temporary well set at 90'
90	GW-90				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-21

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/26/16
GROUND ELEVATION 1805.149 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717325.665
LOGGED BY A. Weimer/J. Souza **CHECKED BY** J. Walker
EASTING 828185.454
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1.2' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Dry; Subangular grains; Fine to coarse grained sand.	0.6	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Dry; Subangular grains; Fine to coarse grained sand.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Subrounded grains; Fine to coarse grained sand; Few gravel grains.	0.6	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Subrounded grains; Fine to coarse grained sand; Few gravel grains.	0.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Subrounded grains; Fine to coarse grained sand; Few gravel grains.	1.2	
	SS-12.5	SM		(SM) 12'-25' Dark brown (7.5YR3/3); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few gravel grains.	4.3	Cement - 5% bentonite slurry
15	SS-15			Below 15' - Strong brown (7.5YR5/6); Moist; Subangular grains.	2.2	
	SS-17.5				1.9	
20	SS-20				1.2	
	SS-22.5				1.5	
25	SS-25			(ML) 25'-34' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Fine grained sand; Low plasticity.	1.2	Hydrated bentonite
	SS-27.5	ML			1.1	#3 Sand
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 25'-34' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Fine grained sand; Low plasticity. *(continued)* Below 30' - Wet.	0.9	1st Temporary well water level (30.4')
					0.7	2nd Temporary well water level (31.7')
	GW-34			34'-42.5' **No Recovery.**		1st Temporary well set at 34'
35						
40						Cement - 5% bentonite slurry
		ML		(ML) 42.5'-55' Brown (7.5YR5/4); **SILT**; Moist; Low plasticity; Few fine grained sand.	1.2	
45					0.4	
50					0.4	Hydrated bentonite
					0.3	#3 Sand
55		ML		(ML) 55'-58' Brown (7.5YR4/4); **SILT with SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0.2	
	GW-58				0.1	3rd Temporary well water level (57')
		ML		(ML) 58'-61' Brown (7.5YR5/4); **SANDY SILT**; Moist; Fine grained sand; Medium plasticity; Trace subrounded caliche nodules.		2nd Temporary well set at 58'
60					0.6	
		ML		(ML) 61'-65' Brown (7.5YR5/4); **SILT**; Moist; Low plasticity; Few subrounded, fine grained sand; Caliche nodules.	0.3	

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TETRA TECH, INC.

BORING NUMBER U4U5-21

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 65'-71' Brown (7.5YR5/4); **SANDY SILT**; Moist; Subangular to subrounded grains; Fine to medium grained sand; Low plasticity.	0.1	Cement - 5% bentonite slurry
		ML			0.3	
70					0.3	
		SP		(SP) 71'-72.5' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist; Loose; Angular to subrounded grains; Medium to coarse grained sand.		
				(ML) 72.5'-82' Brown (7.5YR5/4); **SILT**; Moist; Very stiff; Medium plasticity; Trace fine grained sand; Trace caliche nodules.	0.4	
75					0.3	Hydrated bentonite
		ML			0.1	#3 Sand
80					0.3	3rd Temporary well set at 82'
	GW-82				0.2	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-22

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/25/16
GROUND ELEVATION 1804.874 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717332.541
LOGGED BY A. Weimer/J. Souza **CHECKED BY** J. Walker
EASTING 828224.79
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1.5	SW		(SW) 1.5'-2' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Subrounded to rounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	2.4	
	SS-2.5	SM			1.8	
				(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry to moist; Subrounded grains; Fine to coarse grained sand; Trace gravel.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry to moist; Subrounded grains; Fine to coarse grained sand; Trace gravel.	0.7	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/3); **SILTY SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.4	
	SS-12.5			(SM) 12'-17.5' Dark brown (7.5YR3/4); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Medium to coarse grained sand; Few gravel.	1.3	Cement - 5% bentonite slurry
15	SS-15	SM			1.4	
				Below 16' - Moist; Fine to coarse grained sand; Trace gravel.		
	SS-17.5			(ML) 17.5'-32' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; No plasticity.	0.7	
20	SS-20				0.6	
	SS-22.5	ML		Below 22.5' - Low plasticity; Rounded to subrounded grains; Fine to coarse grained sand.	0.4	
25	SS-25				0.5	Hydrated bentonite
	SS-27.5				1.1	1st Temporary well water level (29.6')
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 17.5'-32' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; No plasticity. *(continued)* Below 30' - Wet.	2.2	#3 Sand
				32'-34' **No Recovery**.		1st Temporary well set at 34'
	GW-34					
35		ML		(ML) 34'-36' Brown (7.5YR5/6); **SANDY SILT**; Wet; Soft; Angular to subangular grains; Fine grained sand; Low plasticity; Few gravel.	1.3	
		ML		(ML) 36'-42' Brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Dry; Soft; Fine grained sand; Low plasticity; Trace clay; Caliche nodules.	1.6	3rd Temporary well water level (36')
40					1.2	
		ML		(ML) 42'-45' Brown (7.5YR5/6); **SANDY SILT**; Dry; Soft; Fine grained sand; Low plasticity.	1.3	Cement - 5% bentonite slurry
45		ML		(ML) 45'-48' Brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity.	1.2	
		ML		(ML) 48'-54' Brown (7.5YR5/6); **SANDY SILT**; Dry; Fine grained sand; Low plasticity.	1.2	
50					1.1	Hydrated bentonite
					1.0	2nd Temporary well water level (53.01')
55		ML		(ML) 54'-56.5' Strong brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Dry; Fine grained sand; No plasticity.	1.2	#3 Sand
		SC		(SC) 56.5'-57' Light brown (7.5YR6/4); **CLAYEY SAND**; Wet; Fine to coarse grained sand; Medium plasticity.		2nd Temporary well set at 58'
	GW-58			(ML) 57'-62' Strong brown (7.5YR4/6); **SANDY SILT**; Dry; Fine grained sand; No plasticity.	0.5	
60		ML			1.1	
		SP-SM		(SP-SM) 62'-63' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT and GRAVEL**; Moist; Loose; Coarse grained sand.	2.4	
		ML		(ML) 63'-65' Dark yellowish brown (10YR4/6); **SANDY SILT**; Wet; Soft; Fine grained sand.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-22

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		ML		(ML) 65'-68' Strong brown (7.5YR5/6); **SILT**; Dry; Low to medium plasticity; Few fine grained sand.	2.0	Cement - 5% bentonite slurry
		SP-SM		(SP-SM) 68'-69' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Medium to coarse grained sand.	2.1	
70				(CL) 69'-82' Strong brown (7.5YR5/6); **Lean CLAY**; Dry; Stiff; Medium plasticity; Trace fine grained sand.	2.1	
					1.1	
75		CL		Below 75' - Trace caliche nodules.	1.7	Hydrated bentonite
						#3 Sand
80				Below 80' - Soft; Low to medium plasticity; Few fine grained sand.	1.2	3rd Temporary well set at 82'
	GW-82				1.4	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-23

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/21/16
GROUND ELEVATION 1804.937 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717339.9
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828264.163
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SW		(SW) 1'-1.5' Brown (7.5YR4/3); **Well Graded SAND**; Dry to moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Angular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/2); **Well Graded SAND with GRAVEL**; Moist; Angular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.6	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/2); **Well Graded SAND**; Moist to wet from hydrovac; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel; Trace silt.	1.7	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/2); **Well Graded SAND with GRAVEL**; Moist to wet from hydrovac; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	1.1	
	SS-12.5	SM		(SM) 12'-15' Dark brown (7.5YR3/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Gypsum lense at 14' to 14.5'.	1.1	Cement - 5% bentonite slurry
15	SS-15			(SM) 15'-25' Light brown (7.5YR6/4); **SILTY SAND**; Moist; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-17.5				0.6	
20	SS-20	SM			0.5	
	SS-22.5				0.4	
25	SS-25			(ML) 25'-30' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity. Below 26' - Dry; Soft; Trace rounded, fine grained sand.	2.1	Hydrated bentonite
	SS-27.5	ML		Below 28' - Wet; Firm.	1.1	#3 Sand
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 30'-33' Brown (7.5YR5/4); **SILT with SAND**; Wet; Fine grained sand; No plasticity; Trace angular to subangular gravel.	2.8	1st Temporary well water level (30.2')
	GW-33			33'-35' **No Recovery.**	1.5	1st Temporary well set at 33'
35		ML		(ML) 35'-37.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Fine grained sand; Medium plasticity.	0.9	
				37.5'-42.5 **No Recovery.**	1.9	
40						Cement - 5% bentonite slurry
		ML		(ML) 42.5'-47.5' Brown (7.5YR5/4); **SANDY SILT**; Subangular grains; Fine grained sand; Medium plasticity.	0.7	
45					1.7	3rd Temporary well water level (44.8')
		ML		(ML) 47.5'-50' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace fine grained sand.	1.0	2nd Temporary well water level (49')
50		CL		(CL) 50'-52.5' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Trace rounded to subangular, fine grained sand.	1.6	Hydrated bentonite
		ML		(ML) 52.5'-59' Brown (7.5YR5/4); **SILT**; Wet; Soft; Medium plasticity; Trace angular gravel; Trace angular, fine to medium grained sand.	0.6	#3 Sand
55					1.4	2nd Temporary well set at 57.5'
	GW-57.5			Below 57.5' - Moist.	1.4	
60		SM		(SM) 59'-60' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand.		
		ML		(ML) 60'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Few fine grained sand.	0.8	
					0.8	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-23

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Few fine grained sand. *(continued)*	1.2	Cement - 5% bentonite slurry
		SP-SM		(SP-SM) 67.5'-70' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Angular to subangular grains; Medium grained sand; Few gravel.	1.5	
70		ML		(ML) 70'-82' Strong brown (7.5YR5/6); **SILT**; Moist; Stiff; Low to medium plasticity; Trace fine grained sand.	0.4	
					0.5	
75					0.4	Hydrated bentonite
					0.3	#3 Sand
80	GW-82				0.9	3rd Temporary well set at 82'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-24

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/20/16
GROUND ELEVATION 1804.487 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717346.962
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828303.416
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1	SP		(SP) 1'-1.5' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist; Subrounded grains; Fine grained sand; Trace silt.	0.7	
	SS-2.5	SW		(SW) 2.5'-3' Brown (7.5YR5/3); **Well Graded SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.	0.2	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND**; Moist; Subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.	3.1	
	SS-7.5	SW		(SW) 7.5-8' Brown (7.5YR4/3); **Well Graded SAND**; Moist; Subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	2.0	
10				10'-10.5' **No Recovery.**		
	SS-12.5	SW-SM		(SW-SM) 12'-25' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Rounded to angular grains; Fine to coarse grained sand.	3.2	Cement - 5% bentonite slurry
15	SS-15				2.7	
	SS-17.5				3.0	
20	SS-20				4.8	
	SS-22.5				2.9	
25	SS-25				5.6	
	SS-27.5	ML		(ML) 25'-40' Brown (7.5YR5/4); **SILT**; Moist; No plasticity; Trace rounded, fine grained sand.	2.3	Hydrated bentonite #3 Sand
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 25'-40' Brown (7.5YR5/4); **SILT**; Moist; No plasticity; Trace rounded, fine grained sand. *(continued)*	1.7	1st Temporary well water level (30.1')
					2.7	2nd Temporary well water level (31.1')
35	GW-35	ML			2.3	1st Temporary well set at 35'
					2.0	
40				(CL) 40'-45' Brown (7.5YR5/4); **Lean CLAY**; Moist; Low to medium plasticity; Trace fine grained sand.	1.5	
		CL			1.1	3rd Temporary well water level (41.3')
45				(ML) 45'-58.5' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace coarse gravel; Trace fine grained sand.	2.1	Cement - 5% bentonite slurry
					2.7	
50					1.2	Hydrated bentonite
		ML			4.0	#3 Sand
55					2.3	
					2.9	2nd Temporary well set at 58.5'
	GW-58.5	CL		(CL) 58.5'-60' Brown (7.5YR5/4); **Lean CLAY**; Moist; Low to medium plasticity; Trace coarse gravel; Trace fine grained sand.		
60				(ML) 60'-66' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace gravel.	1.9	
		ML			2.9	

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TETRA TECH, INC.

BORING NUMBER U4U5-24

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-66' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace gravel. *(continued)*	1.1	Cement - 5% bentonite slurry
		SW		(SW) 66'-67.5' Dark brown (7.5YR3/3); **Well Graded SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.		
		ML		(ML) 67.5'-70' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Subangular grains; Fine to coarse grained sand; Little gravel.	2.6	
70		SW		(SW) 70'-71' Dark brown (7.5YR3/4); **Well Graded SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	1.5	
		SM		(SM) 71'-72.5' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Subangular to rounded grains; Fine grained sand.		
		SW		(SW) 72.5'-74' Dark brown (7.5YR3/4); **Well Graded SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	2.1	
75		ML		(ML) 74'-82' Brown (7.5YR4/4); **SILT with SAND**; Moist; Fine grained sand; Low to medium plasticity; Caliche nodules.	1.5	Hydrated bentonite
					3.4	#3 Sand
80	GW-82				1.2	3rd Temporary well set at 82'
					2.6	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-25

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/11/16 **COMPLETED** 9/8/16
GROUND ELEVATION 1813.248 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717350.11
LOGGED BY J. Bunkers/J. Souza **CHECKED BY** J. Walker
EASTING 828392.819
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.0	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.0	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.0	
		SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
10		SW-SM		(SW-SM) 10'-10.5' Dark brown (7.5YR3/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
	SS-12.5			(SP-SM) 12'-23' Dark brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Medium grained sand.	3.0	
15	SS-15			Below 15' - Moist.	1.3	
	SS-17.5	SP-SM			1.1	Cement - 5% bentonite slurry mix
20	SS-20				0.8	
	SS-22.5					
				(SM) 23'-30' White (7.5YR8/1); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine grained sand. Below 24' - Trace gravel.		
25	SS-25				0.4	
		SM				
	SS-27.5				0.1	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 30'-35' Brown (7.5YR5/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand; Trace clay.	0.2	
	SS-32.5	ML			0.3	
35	SS-35			35'-40' **No Recovery.**	0.4	Hydrated bentonite
40				(ML) 40'-50' Brown (7.5YR5/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand; Trace clay.	0.1	1st Temporary well water level (37.8') 2nd Temporary well water level (38.3') #3 Sand
45	GW-45	ML			0.1	1st Temporary well set at 45'
					0.1	
50		SM		(SM) 50'-55' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose to medium dense; Subrounded to subangular grains; Fine to coarse grained sand; Some caliche nodules.	0.1	3rd Temporary well water level (50.4') Cement - 5% bentonite slurry mix
					0.1	
55		ML		(ML) 55'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand; Trace clay.	0.2	
					0.1	
60					0.1	Hydrated bentonite
					0.1	#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-25

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 55'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand; Trace clay. *(continued)*	0.3	2nd Temporary well set at 67.5'
	GW-67.5			67.5'-71' **No Recovery.**	0.2	
70					0.1	
		CL		(CL) 71'-75' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity.	0.3	
75						Cement - 5% bentonite slurry mix
				(ML) 75'-84.5' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Rounded to subrounded grains; Fine grained sand; Trace clay.	0.3	
					0.3	
80		ML			0.2	
					0.3	Hydrated bentonite
85		SW		(SW) 84.5'-85' Dark brown (7.5YR3/3); **Well Graded SAND**; Moist; Very loose; Subangular to angular grains; Fine to coarse grained sand.	0.6	#3 Sand
		CL		(CL) 85'-90' Brown (7.5YR4/4); **Lean CLAY**; Moist; Stiff; Low plasticity.	0.2	3rd Temporary well set at 90'
90	GW-90				0.2	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-26

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/15/16 **COMPLETED** 7/18/16
GROUND ELEVATION 1812.91 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717457.972
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828820.919
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.7	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist from hydrovac; Loose; Rounded to angular grains; Fine to coarse grained sand.	0.6	
	SS-12.5	ML		(ML) 12'-30' Brown (7.5YR4/4); **GRAVELLY SILT with SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand.	2.4	
15	SS-15				2.5	
	SS-17.5				1.5	
20	SS-20				0.4	Cement - 5% bentonite slurry
	SS-22.5				1.0	
25	SS-25				0.5	
	SS-27.5				0.4	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 30'-33.5' Brown (7.5YR5/4); **SILT with SAND**; Dry; Loose; Rounded to angular grains; Fine grained sand; Trace gravel; Trace clay.	0.4	
	SS-32.5				0.2	
35	SS-35 GW-35	CL		(CL) 33.5'-35' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low to no plasticity; Trace fine grained sand.		
		SM		(SM) 35'-37' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Angular to rounded grains; Fine to coarse grained sand.	0.2	
		CL		(CL) 37'-40' Brown (7.5YR5/4); **Lean CLAY**; Wet; Low to no plasticity; Trace fine grained sand.	0.2	
40		SM		(SM) 40'-46' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular grains; Fine to coarse grained sand.	0.2	1st Temporary well water level (39.2')
					0.2	3rd Temporary well water level (40.7') Hydrated bentonite
45					0.1	#3 Sand
		SP-SM		(SP-SM) 46'-48' Very dark brown (7.5YR3/4); **Poorly Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine grained sand.	0.2	
		CL		(CL) 48'-50' Very dark brown (7.5YR3/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.		2nd Temporary well water level (48.24')
50	GW-50	SM		(SM) 50'-51' Strong brown (7.5YR4/6); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand.		1st Temporary well set at 50'
				(ML) 51'-70' Strong brown (7.5YR5/6); **SILT**; Moist; Medium plasticity.	0.1	
55					0.1	Cement - 5% bentonite slurry
		ML		Below 57' - Caliche nodules; Low plasticity.	0.1	
60					0.1	
					0.1	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-26

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 51'-70' Strong brown (7.5YR5/6); **SILT**; Moist; Medium plasticity. *(continued)* Below 65' - Trace angular, medium to coarse grained sand.	0.1 1.2	#3 Sand 2nd Temporary well set at 70'
70	GW-70	ML		(ML) 70'-75' Brown (7.5YR4/4); **SANDY SILT**; Moist; Subangular grains; Medium to coarse grained sand; Caliche nodules.	0.1 0.1	
75		ML		(ML) 75'-77.5' Brown (7.5YR4/4); **SILT with SAND**; Moist; Subangular grains; Fine to coarse grained sand; Low plasticity.	0.1	Cement - 5% bentonite slurry
		SM		(SM) 77.5'-79' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
80		ML		(ML) 79'-90' Brown (7.5YR5/4); **SILT**; Moist; Low plasticity; Trace coarse grained sand.	0.2 0.1	Hydrated bentonite
85					0.2	#3 Sand
					0.2	3rd Temporary well set at 90'
90	GW-90				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:20 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-27

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/16/16 **COMPLETED** 10/14/16
GROUND ELEVATION 1812.671 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717261.849
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828065.86
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.5	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.4	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	1.3	
10	SS-10	SW		(SW) 10'-10.5' Dark Brown (7.5YR3/4); **Well Graded SAND With GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	1.5	
	SS-12.5	SW-SM		(SW-SM) 12'-25' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Weakly cemented; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Low plasticity.	0.0	
15	SS-15				0.0	Cement - 5% bentonite slurry
	SS-17.5				0.0	
20	SS-20				0.0	
	SS-22.5			Below 22.5' - Strong brown (7.5YR5/6).	0.0	
25	SS-25				0.0	
	SS-27.5	ML		(ML) 25'-47.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few angular to subrounded, fine grained sand.	0.0	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 25'-47.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few angular to subrounded, fine grained sand. *(continued)*	0.0	
	SS-32.5				0.0	Hydrated bentonite
35	SS-35			Below 35' - Wet; Firm to stiff.	0.0	#3 Sand
					0.6	1st and 2nd Temporary well water level (37')
40	SS-40 GW-40			Below 40' - Very stiff.	0.3	1st Temporary well set at 40'
45					0.0	
					0.0	
		ML		(ML) 47.5'-54' Strong brown (7.5YR5/6); **SILT with GRAVEL**; Wet; Very stiff; Angular to subrounded caliche gravel; Low plasticity; Few subrounded, fine grained sand.	0.0	Cement - 5% bentonite slurry
50	SS-50				0.0	
55				(ML) 54'-67' Strong brown (7.5YR5/6); **SILT**; Wet; Very stiff; Medium plasticity; Few subrounded, fine grained sand. Below 55' - Few caliche nodules.	0.2	
					0.0	Hydrated bentonite
60	SS-60	ML			0.2	#3 Sand
					0.0	2nd Temporary well set at 65'

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		Below 64' - Hard; Low plasticity. (ML) 54'-67' Strong brown (7.5YR5/6); **SILT**; Wet; Very stiff; Medium plasticity; Few subrounded, fine grained sand. *(continued)*	0.1	3rd Temporary well water level (65.4')
		ML		(ML) 67'-68' Brown (7.5YR5/4); **SANDY SILT**; Strongly cemented; Moist; Stiff; Angular to subangular grains; Fine to coarse grained sand; Low plasticity.	1.3	
	SS-68.5	ML		(ML) 68'-69' Strong brown (7.5YR5/6); **SILT**; Wet; Hard; Low plasticity.		
70	SS-70	ML		(ML) 69'-71' Light brown (7.5YR6/3); **SILT with GRAVEL**; Strongly cemented; Moist; Dense; Angular grains; Low plasticity; Gravel is caliche; Trace fine grained sand.	0.6	
				(ML) 71'-82.5' Brown (7.5YR5/4); **SILT**; Strongly cemented; Moist; Stiff; Low plasticity; Trace subangular, fine grained sand.	3.2	Cement - 5% bentonite slurry
75		ML		Below 77' - Few caliche nodules.	1.2	
				Below 78' - No caliche.	0.5	
80	SS-80				0.4	
		CL		(CL) 82.5'-92.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Hard; Low plasticity.	0.3	Hydrated bentonite
85					0.2	#3 Sand 4th Temporary well water level (86')
					0.2	
90	SS-90 GW-90			Below 89.5' - Trace caliche nodules. Below 90' - Wet; Soft; Low to medium plasticity; No caliche.	0.0	3rd Temporary well set at 90'
		ML		(ML) 92.5'-94' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.0	
95		CL		(CL) 94'-96' Stong brown (7.5YR5/6); **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Caliche nodules. Below 95' - No caliche.	0.0	Cement - 5% bentonite slurry
		ML		(ML) 96'-107.5' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace fine grained sand.	0.3	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	ML		(ML) 96'-107.5' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace fine grained sand. *(continued)* Below 100' - Strong brown (7.5YR5/6).	0.0	
				Below 102.5' - Caliche nodules.	12.5	Hydrated bentonite
105				Below 104.5' - Brown (7.5YR5/4).	0.1	#3 Sand
		CL		(CL) 107.5'-109' Strong Brown (7.5YR5/6); **Lean CLAY**; Wet; Stiff; Low plasticity; Caliche nodules.	0.0	4th Temporary well set at 110'
110	SS-110 GW-110	ML		(ML) 109'-112.5' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity; Few rounded to subrounded, fine grained sand. Below 110 '- Very soft.	0.1	
		ML		(ML) 112.5-115' Yellowish brown (10YR5/4); **SANDY SILT**; Wet; Soft to firm; Rounded to subrounded grains; Fine grained sand; No plasticity.	3.1	
115		ML		(ML) 115'-116' Light yellowish brown (10YR6/4); **GRAVELLY SILT**; Wet; Firm; Angular to subangular caliche gravel; Low plasticity; Few rounded to subrounded, fine to medium grained sand.	2.1	Cement - 5% bentonite slurry
		ML		(ML) 116'-126.5' Yellowish Brown (10YR5/4); **SILT**; Wet; Soft; No plasticity; Trace rounded to subrounded, fine grained sand.	2.0	
120	SS-120					5th Temporary well water level (122')
		ML			0.6	
					1.5	Hydrated bentonite
125					1.0	#3 Sand
		ML		(ML) 126.5'-127.5' Light yellowish brown (10YR6/4); **SILT with GRAVEL**; Wet; Firm; Angular to subangular caliche gravel; Low plasticity; Few fine grained sand.	0.1	5th Temporary well set at 130'
		ML		(ML) 127.5'-150' Yellowish brown (10YR5/4); **SILT**; Wet; Soft; No plasticity; Trace rounded to subrounded, fine grained sand.		
130	SS-130 GW-130	ML		Below 130' - Brown (7.5YR5/4); Low plasticity.	0.1	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-27

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		ML		(ML) 127.5'-150' Yellowish brown (10YR5/4); **SILT**; Wet; Soft; No plasticity; Trace rounded to subrounded, fine grained sand. *(continued)* Below 133.5' - Very soft.	3.2	
					2.2	Cement - 5% bentonite slurry
					1.5	
140	SS-140				0.6	
					0.2	Hydrated bentonite
145				Below 145' - Soft. Below 146' - Very soft.	0.4	#3 Sand
					0.0	6th Temporary well water level (149.1')
150	SS-150 GW-150				0.0	6th Temporary well set at 150'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-28

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/15/16 **COMPLETED** 9/6/16
GROUND ELEVATION 1813.409 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717262.747
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828122.375
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP		(SP) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Coarse grained sand.	0.8	
	SS-2.5	SW		(SW) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.4	
	SS-7.5	SM		(SM) 7.5'-8' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
10	SS-10	SM		(SM) 10'-10.5' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-12.5	SM		(SM) 12'-15' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	2.1	
15	SS-15	SW		(SW) 15'-25' Brown (7.5YR5/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace silt.	1.6	Cement - 5% bentonite slurry
	SS-17.5				0.8	
20	SS-20				0.6	
	SS-22.5				0.3	
25	SS-25			(SM) 25'-30' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
	SS-27.5	SM		Below 27.5' - White (7.5YR8/1).	0.4	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:00 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 30'-37.5' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity; Trace silt; Trace gravel.	0.3	
	SS-32.5				0.0	Hydrated bentonite
35	SS-35				0.0	#3 Sand
		SW		(SW) 37.5'-37.75 Brown (7.5YR5/4); **Well Graded SAND**; Dry; Loose; Subangular to Subrounded grains; Fine to coarse grained sand.	0.0	1st Temporary well water level (37.5')
		ML		(ML) 37.75'-40' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity.		2nd and 4th Temporary well water level (39')
40	GW-40	SM		(SM) 40'-50' Pinkish gray (7.5YR7/2); **SILTY SAND with GRAVEL**; Dry to moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.0	1st Temporary well set at 40'
				Below 42' - Brown (7.5YR5/4).	0.5	Cement - 5% bentonite slurry
45					0.2	3rd Temporary well water level (42.8') Hydrated bentonite
					0.2	#3 Sand
50				50'-52.5' **No Recovery.**	0.2	2nd Temporary well set at 52.5'
	GW-52.5	ML		(ML) 52.5'-57' Brown (7.5YR5/4); **SILT**; Moist to wet; Trace fine grained sand; Trace subangular to subrounded gravel.	0.2	
55					0.2	Cement - 5% bentonite slurry
		SP-SM		(SP-SM) 57'-60' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Medium dense; Angular to subrounded grains; Fine grained sand; Few gravel.	0.3	Hydrated bentonite
60		ML		(ML) 60'-65' Brown (7.5YR5/4); **SILT**; Moist to wet; Stiff; Few fine grained sand; Trace gravel.	0.2	#3 Sand
					0.2	3rd Temporary well set at 65'

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:00 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-28

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML				
		CL		(CL) 65'-70' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity; Few angular to subangular gravel; Trace angular to subangular, fine grained sand.	0.5 2.1	5th Temporary well water level (65.01') Cement - 5% bentonite slurry
70		ML		(ML) 70'-75' **SANDY SILT**; Moist; Soft; Subangular to angular grains; Fine to coarse grained sand; Trace gravel; Trace clay.	2.2 1.4	Hydrated bentonite #3 Sand
75		SP-SM		(SP-SM) 75'-76' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Fine grained sand.	0.7	4th Temporary well set at 77.5'
		ML		(ML) 76'-77.5' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Medium plasticity; Trace fine to medium grained sand.		
	GW-77.5	SW		(SW) 77.5'-78' Dark brown (7.5YR3/3); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.		
80		ML		(ML) 78'-80' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Medium plasticity.		Cement - 5% bentonite slurry
		CL		(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0.6 0.3 0.1 0.0	Hydrated bentonite #3 Sand 5th Temporary well set at 90'
90	GW-90				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:00 - P:\GINT\NERT\2016 - 2ND MOBILIZATIONNERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-29

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/28/16
GROUND ELEVATION 1805.105 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717269.636
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828194.783
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/2); **SILTY SAND**; Dry; Fine to coarse grained sand; Trace gravel.	0.7	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/2); **SILTY SAND**; Dry; Fine to coarse grained sand; Trace gravel.	0.8	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Trace fine grained gravel.	0.3	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.	1.6	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.	1.0	
	SS-12.5	SM		(SM) 12'-15' White (7.5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse caliche gravel. Below 13.5' - No caliche gravel.		Cement - 5% bentonite slurry
15	SS-15			(ML) 15'-25' Brown (7.5YR 5/4); **SILT with SAND**; Moist; Very soft; Subrounded to rounded grains; Fine grained sand.		
	SS-17.5					
20	SS-20	ML				
	SS-22.5					
25	SS-25			(ML) 25'-30' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.		Hydrated bentonite
		ML				#3 Sand
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		CL		(CL) 30'-32.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Soft; Low plasticity.		1st Temporary well water level (29.3')
	GW-32.5			32.5'-42' **No Recovery.**		1st Temporary well set at 32.5'
35						
						3rd Temporary well water level (37.6')
40						Cement - 5% bentonite slurry
		ML		(ML) 42'-56' Strong Brown (7.5YR5/6); **SILT**; Moist; Soft; No plasticity. Below 43' - Few rounded, fine grained sand; Trace angular gravel.	1.8	
45					0.8	
					1.3	
50					0.6	Hydrated bentonite
					0.5	2nd Temporary well water level (51.8') #3 Sand
55					0.3	
	GW-57	ML		(ML) 56'-60' Brown (7.5YR4/4); **SANDY SILT with GRAVEL**; Moist; Soft; Angular grains; Fine to coarse grained sand.	1.9	2nd Temporary well set at 57'
60		ML		(ML) 60'-63.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; No plasticity; Trace fine grained sand; Trace clay.	1.0	
					1.4	
		SP-		(SP-SM) 63.5'-64' Brown (7.5YR5/4); **Poorly Graded SAND with**		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-29

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		**SILT**; Moist; Loose; Angular to subangular grains; Medium grained sand; Little gravel.		
		ML		(ML) 64'-67' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Soft; Angular grains; Fine to coarse grained sand. *(continued)*	0.2	Cement - 5% bentonite slurry
		ML		(ML) 67'-71' Brown (7.5YR5/4); **SILT**; Moist; Soft; Trace angular to subangular, fine grained sand.	0.1	
70		SM		(SM) 71'-73' Dark brown (7.5YR3/2); **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
		CL		(CL) 73'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; No plasticity; Few fine grained sand.		
75					0.1	Hydrated bentonite
					0.1	#3 Sand
80					0.1	3rd Temporary well set at 82'
	GW-82					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-30

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/20/16 **COMPLETED** 8/1/16
GROUND ELEVATION 1804.944 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717285.085
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828232.538
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.1' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/4); **SILTY SAND**; Dry; Subangular grains; Fine to coarse grained sand; Few gravel.	0.0	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/3); **SILTY SAND**; Dry; Subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Subangular grains; Fine to coarse grained sand; Few gravel.	0.2	
	SS-7.5	SW		(SW) 7.5'-8' Dark brown (7.5YR3/3); **Well Graded SAND with GRAVEL**; Wet from hydrovac; Angular to subrounded grains; Fine to coarse grained sand.	0.3	
10	SS-10	SW		(SW) 10'-10.5' Dark brown (7.5YR3/3); **Well Graded SAND with GRAVEL**; Wet from hydrovac; Angular to subrounded grains; Fine to coarse grained sand.	0.8	
	SS-12.5	SW-SM		(SW-SM) 12'-17' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Rounded to angular grains; Fine to coarse grained sand.	1.4	Cement - 5% bentonite slurry
15	SS-15			Below 15' - Brown (7.5YR5/4).	1.0	
	SS-17.5	ML		(ML) 17'-20' Brown (7.5YR 5/4); **SILT with SAND**; Dry; Soft; Rounded to subrounded grains; Fine grained sand; Trace rounded to subrounded gravel.	0.7	
20	SS-20			(ML) 20'-24' Brown (7.5YR 5/4); **SILT**; Dry; Soft; Few fine grained sand.	0.4	
	SS-22.5	ML			0.1	
25	SS-25	ML		(ML) 24'-25' Brown (7.5YR5/4); **SANDY SILT**; Dry; Loose; Fine to medium grained sand; Few gravel.		
	SS-27.5	ML		(ML) 25'-30' Strong brown (7.5YR5/6); **SILT**; Moist; Loose; Low plasticity; Trace rounded, fine grained sand.	0.1	Hydrated bentonite #3 Sand
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30						
		ML		(ML) 30'-36' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	1st Temporary well water level (29.2')
	GW-34					1st Temporary well set at 34'
35					0.5	
		ML		(ML) 36'-45' Strong brown (7.5YR5/6); **SILT with SAND**; Moist; Firm; Medium plasticity; Fine to medium grained sand; Few angular caliche gravel.	0.3	
40					0.2	
					0.2	Cement - 5% bentonite slurry
45						
		ML		(ML) 45'-53 Strong brown (7.5YR5/6); **SILT**; Moist; Firm; Medium plasticity; Trace fine to medium grained sand; Trace angular gravel.	0.2	
					0.2	3rd Temporary well water level (49')
50					0.1	Hydrated bentonite 2nd Temporary well water level (49.5')
					0.1	#3 Sand
		ML		(ML) 53'-57' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Firm; Fine to coarse grained sand.		
55					0.1	2nd Temporary well set at 58'
		CL		(CL) 57'-58' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity.	0.1	
	GW-58			58'-63' **No Recovery.**		
60						
					1.5	
		ML		(ML) 63'-65' Brown (7.5YR5/4); **SILT**; Soft; Medium plasticity; Trace rounded, fine grained sand.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-30

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		SW-SM		(SW-SM) 65'-67' Brown (7.5YR4/3); **Well Graded SAND with SILT and GRAVEL**; Wet; Loose; Angular to rounded grains; Fine to coarse grained sand.	1.2	Cement - 5% bentonite slurry
		ML		(ML) 67'-68' Reddish yellow (7.5YR6/6); **SILT**; Wet; Firm; Medium plasticity; Few fine grained sand.	2.0	
		ML		(ML) 68'-68.5' Brown (7.5YR5/4); **SANDY SILT**; Wet; Firm; Fine to coarse grained sand.		
70				(ML) 68.5'-74' Brown (7.5YR5/4); **SILT**; Wet; Firm; Trace fine grained sand; Trace clay.	1.4	
		ML			1.1	
		ML		(ML) 74'-74.5' Brown (7.5YR5/4); **SANDY SILT**; Fine to medium grained sand; Trace clay.		Hydrated bentonite
75				(CL) 74.5'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; No plasticity.	1.0	
		CL			0.5	#3 Sand
80					0.5	3rd Temporary well set at 82'
	GW-82					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-31

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/20/16 **COMPLETED** 9/1/16
GROUND ELEVATION 1804.824 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717292.256
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828271.49
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.75' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Brown (7.5YR5/3); **SILTY SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Wet from hydrovac; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/2); **Well Graded SAND**; Wet from hydrovac; Angular to subangular grains; Fine to coarse grained sand; Few gravel; Trace silt.	1.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/2); **Well Graded SAND with GRAVEL**; Wet from hydrovac; Angular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.4	Cement - 5% bentonite slurry
	SS-12.5	SM		(SM) 12'-20' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Subangular to subrounded grains; Fine to coarse grained sand. Below 13.5' - White (7.5YR8/1). Below 14.5' - Brown (7.5YR5/4).	1.6	
15	SS-15				1.2	
	SS-17.5				1.0	
20	SS-20	SM		(SM) 20'-22.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.8	
	SS-22.5	ML		(ML) 22.5'-25' Strong brown (7.5YR4/6); **SILT**; Dry; Soft; Few subrounded, fine to medium grained sand.	0.7	Hydrated bentonite
25	SS-25	ML		Below 24.5' - Moist. (ML) 25'-26' Brown (7.5YR4/3); **SANDY SILT**; Dry; Subangular to subrounded grains; Fine to medium grained sand.	1.0	#3 Sand
		ML		(ML) 26'-31' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity. Below 27.5' - Low plasticity.	0.0	1st Temporary well water level (29')
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 26'-31' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity. *(continued)*	0.0	1st Temporary well set at 31'
	GW-31			31'-32.5' **No Recovery.**		
				(ML) 32.5'-57.5' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Trace subangular to subrounded, fine to coarse grained sand.		
35					0.3	Cement - 5% bentonite slurry
					0.3	
40	SS-40				0.2	
					0.0	2nd Temporary well water level (41.3')
45		ML			0.1	
					0.0	
50	SS-50				0.1	Hydrated bentonite
					0.1	#3 Sand 3rd Temporary well water level (53')
55					0.2	
	GW-57.5					2nd Temporary well set at 57.5'
		CL		(CL) 57.5'-59' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0.0	
		ML		(ML) 59'-60' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity.		
60	SS-60					
		ML		(ML) 60'-62.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Medium plasticity; Trace fine to coarse grained gravel.	0.3	
		ML		(ML) 62.5'-67' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity.	0.1	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		Below 64' - Wet; Medium plasticity; Few angular to subangular gravel; Trace angular to subangular, fine to coarse grained sand. (ML) 62.5'-67' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity. *(continued)*	0.1	Cement - 5% bentonite slurry
		SM		(SM) 67'-67.5' Brown (7.5YR4/4); **SILTY SAND**; Moist; Subangular grains; Fine grained sand; Trace gravel.	0.5	
		ML		(ML) 67.5'-71.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity. Below 69' - Medium plasticity.	0.4	
70	SS-70					
		SM		Below 71' - Low plasticity; Few fine to coarse grained sand; Trace gravel.		
		ML		(SM) 71.5'-72.5' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
75		CL		(ML) 72.5'-73.5' Stong brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity. (CL) 73.5'-85.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.1	Hydrated bentonite
					0.2	#3 Sand
80	SS-80				0.0	3rd Temporary well set at 82'
	GW-82			Below 82' - Firm.	2.5	
85		ML		(ML) 85.5'-87' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Low plasticity.	1.3	Cement - 5% bentonite slurry
		CL		(CL) 87'-92' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.8	
90	SS-90				0.4	4th Temporary well water level (89')
		ML		(ML) 92'-94' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Low plasticity.	0.3	
95		CL		(CL) 94'-95' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity.	0.2	Hydrated bentonite
		ML		(ML) 95'-98' Brown (7.5YR5/4); **SILT**; Moist; Soft to stiff; Low to medium plasticity. Below 97' - Stiff; Low plasticity; Few angular to subangular gravel; Trace fine to medium grained sand.	0.0	5th Temporary well water level (95') #3 Sand
		CL				

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-31

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 98'-105' Yellowish red (5YR56/6); **Lean CLAY**; Soft to stiff; Low to medium plasticity. *(continued)*	0.0	4th Temporary well set at 102'
	GW-102				0.0	
105		ML		(ML) 105'-110' Brown (7.5YR5/4); **SILT**; Moist; Loose; Medium plasticity; Few angular to subangular, fine to coarse grained sand; Trace gravel.	3.6	Cement - 5% bentonite slurry
					3.1	
110	SS-110	CL		(CL) 110'-115' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace fine to medium grained sand.	1.6	
115		ML		(ML) 115'-117.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity; Few angular to subangular, fine to coarse grained sand; Trace gravel.		Hydrated bentonite
		CL		(CL) 117.5'-132' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace subangular, fine to medium grained sand; Trace gravel.		#3 Sand
120	SS-120					5th Temporary well set at 122'
	GW-122			Below 122' - Medium plasticity.		
125					0.3	
					1.2	Cement - 5% bentonite slurry
130	SS-130				0.0	
		ML				

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TETRA TECH, INC.

BORING NUMBER U4U5-31

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
		ML		(ML) 132'-135' Light brown (7.5YR6/4); **SILT with GRAVEL**; Moist; Soft; Medium plasticity; Angular grains; Trace fine to coarse grained sand. *(continued)*	0.0	
135						Hydrated bentonite
		CL		(CL) 135'-142' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace gravel.	0.0	
					0.1	6th Temporary well water level (137') #3 Sand
140	SS-140				0.2	
	GW-142				1.6	6th Temporary well set at 142'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-32

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/20/16 **COMPLETED** 8/2/16
GROUND ELEVATION 1805.078 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717298.484
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828311.377
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/4); **SILTY SAND**; Dry; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.3	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/4); **SILTY SAND**; Dry; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	3.4	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.3	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND**; Moist from hydrovac; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	2.4	
10				10'-10.5' **No Recovery**.		
	SS-12.5	SW-SM		(SW-SM) 12'-15' Brown (7.5YR4/3); **Well Graded SAND with SILT**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel. Below 14' - Gypsum layer; White (7.5YR8/1).	1.7	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 15'-18' Brown (7.5YR 5/3); **SILT with SAND**; Soft; Subangular to subrounded grains; Fine to medium grained sand; Low plasticity; Trace gravel.	1.3	
	SS-17.5	SM		(SM) 18'-21' Brown (7.5YR 5/4); **SILTY SAND**; Subrounded grains; Fine to medium grained sand; No plasticity; Trace gravel.	0.5	
20	SS-20				0.8	
	SS-22.5	ML		(ML) 21'-29' Brown (7.5YR 5/4); **SILT**; Soft; Low to no plasticity; Few subangular to subrounded, fine grained sand.	0.5	
25	SS-25				0.2	Hydrated bentonite
	SS-27.5				0.1	2nd Temporary well water level (29.2')
30		ML		(ML) 29'-31' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Soft; Fine to coarse grained sand; Medium plasticity.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML			0.1	#3 Sand 1st Temporary well water level (29.8')
		ML		(ML) 31'-33' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity; Few subangular, fine grained sand; Trace clay.		
	GW-33	ML		(ML) 33'-35' Brown (7.5YR5/4); **SILT with SAND**; Moist; Loose; Subangular grains; Fine to medium grained sand; Medium plasticity; Trace gravel.	0.1	1st Temporary well set at 33'
35				35'-42' **No Recovery.**	0.8	
40						Cement - 5% bentonite slurry
		ML		(ML) 42'-45' Brown (7.5YR5/4); **SILT with SAND**; Soft; Subangular grains; Fine to medium grained sand; Medium plasticity; Trace gravel.		
45		ML		(ML) 45'-57' Brown (7.5YR5/4); **SILT**; Firm; Medium plasticity; Trace angular to subangular gravel; Trace subrounded, fine grained sand;	0.3	
					0.2	
50					0.2	Hydrated bentonite
					0.2	3rd Temporary well water level (52') #3 Sand
55					0.2	2nd Temporary well set at 57.5'
	GW-57.5	ML		(ML) 57'-67' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Medium plasticity. Few fine grained sand.	0.1	
60					0.8	
					0.3	

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TETRA TECH, INC.

BORING NUMBER U4U5-32

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 57'-67' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Medium plasticity. Few fine grained sand. *(continued)*	0.3	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 67'-70' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.1	
70		ML		(ML) 70'-72' Brown (7.5YR5/4); **SILT with SAND**; Firm; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity.	0.0	
		SW-SM		(SW-SM) 72'-73.5' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
		ML		(ML) 73.5'-74' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Wet; Angular to subangular grains; Fine to coarse grained sand; Low plasticity.		Hydrated bentonite
75		SW-SM		(SW-SM) 74'-75' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.1	
		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace subangular to subrounded, fine grained sand.	0.0	#3 Sand
80					0.2	3rd Temporary well set at 82'
	GW-82					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-33

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/17/16 **COMPLETED** 9/9/16
GROUND ELEVATION 1813.417 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717311.3
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828381.653
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW		(SW) 1'-1.5' Gray (7.5YR6/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.0	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.5	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.9	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
	SS-12.5	SW-SM		(SW-SM) 12'-15' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	1.5	
15	SS-15			(SM) 15'-30' **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few gravel grains.	0.8	Cement - 5% bentonite slurry
	SS-17.5				0.7	
20	SS-20				0.5	
	SS-22.5	SM			0.4	
25	SS-25			Below 25' - Moist; Subrounded grains; Fine to medium grained sand; Trace gravel.	0.1	
	SS-27.5				0.1	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:01 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 30'-40' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Trace subangular to subrounded, fine to medium grained sand.	0.0	
	SS-32.5				0.0	Hydrated bentonite
35	SS-35	ML			0.0	#3 Sand
					0.1	2nd Temporary well water level (37.5')
40	GW-40				0.1	1st Temporary well water level (37.9')
		ML		(ML) 40'-45' Brown (7.5YR7/3); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity; Trace gravel.	1.2	Cement - 5% bentonite slurry
45				(ML) 45'-50' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to angular grains; Fine grained sand; Medium plasticity; Trace gravel.	0.9	3rd Temporary well water level (38')
		ML			1.2	Hydrated bentonite
50				(ML) 50'-60' Brown (7.5YR(5/4); **SILT**; Moist; Stiff; Medium plasticity; Trace gravel; Trace fine grained sand.		4th Temporary well water level (38.7')
	GW-52.5				0.3	1st Temporary well set at 40'
55		ML			0.5	#3 Sand
					0.2	2nd Temporary well set at 52.5'
60						Cement - 5% bentonite slurry
		ML		(ML) 60'-62.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Fine to coarse grained sand; Medium plasticity; Trace gravel.	0.3	Hydrated bentonite
		ML		(ML) 62.5'-70' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine to coarse grained sand; Trace gravel.	0.1	#3 Sand
						5th Temporary well water level (63.9')

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BORING NUMBER U4U5-33

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 62.5'-70' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine to coarse grained sand; Trace gravel. *(continued)*	0.1 1.0	3rd Temporary well set at 65' Cement - 5% bentonite slurry
70		ML		(ML) 70'-75' Brown (7.5YR5/4); **GRAVELLY SILT with SAND**; Moist; Firm; Angular to subangular grains; Fine to coarse grained sand; Trace clay.	0.9 0.8	Hydrated bentonite #3 Sand
75		ML		(ML) 75'-77.5' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity.	0.5	4th Temporary well set at 77.5'
	GW-77.5	ML		(ML) 77.5'-79' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity.	0.3	
80		ML		(ML) 79'-80' Brown (7.5YR5/3); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		Cement - 5% bentonite slurry
		CL		(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace subangular to subrounded, fine to medium grained sand.	0.1 0.2	Hydrated bentonite
85					0.1	#3 Sand
					0.9	5th Temporary well set at 90'
90	GW-90				0.3	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:01 - P:\GINT\NERT\2016 - 2ND MOBILIZATIONNERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-34

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/11/16 **COMPLETED** 10/4/16
GROUND ELEVATION 1812.373 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717316.556
LOGGED BY J. Bunkers **CHECKED BY** J. Walker
EASTING 828433.825
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-2' **ASPHALT**.		
	SS-2.5	SW		(SW) 2.5'-3' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0.0	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0.0	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0.0	
10		SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0.4	
	SS-12.5			(SW-SM) 12'-23.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.6	
15	SS-15				1.2	
	SS-17.5	SW-SM			1.4	Cement - 5% bentonite slurry
20	SS-20				1.8	
	SS-22.5				3.2	
25	SS-25	SM		(SM) 23.5'-26.5' Strong Brown (7.5YR4/6); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Few gravel.	0.8	
	SS-27.5	ML		(ML) 26.5'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Very soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.	0.0	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 26.5'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Very soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity. *(continued)*	0.4	
	SS-32.5	ML			0.5	1st Temporary well water level (35.6')
35	SS-35	SW-SM		(SW-SM) 35'-37.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.4	
	SS-37.5			(ML) 37.5'-58.5' Strong brown (7.5YR4/6); **SILT with SAND**; Wet; Soft; Fine to medium grained sand; Low plasticity.	0.5	Hydrated bentonite
40	SS-40				0.3	2nd Temporary well water level (41.3') #3 Sand
					0.0	
45	GW-45				0.0	1st Temporary well set at 45'
		ML		Below 48.5'- Caliche nodules.	1.1	
50	SS-50				0.9	
					0.4	Cement - 5% bentonite slurry
55					0.1	
					0.1	
60	SS-60	SP-SM		(SP-SM) 58.5'-60.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.0	Hydrated bentonite
		ML		(ML) 60.5'-66' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity.	0.2	#3 Sand 3rd Temporary well water

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60.5'-66' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity. *(continued)*	0.2	level (63') 2nd Temporary well set at 67.5'
	SS-66.5	SM		(SM) 66'-66.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Loose; Angular to subrounded grains; Coarse grained sand.		
	GW-67.5	ML		(ML) 66.5'-72' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Few fine grained sand.	0.1	
70	SS-70				1.3	
				(ML) 72'-78' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Subangular grains; Fine to medium grained sand; Low plasticity.	2.3	
75		ML			2.2	Cement - 5% bentonite slurry
					0.4	
		ML		(ML) 78'-80' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand.		
80	SS-80				0.7	
	SS-81.5	SP-SM		(SP-SM) 80'-82' Dark brown (7.5YR3/4); **Poorly Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to medium grained sand.		
				(CL) 82'-100' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Stiff to very stiff; Medium plasticity.	0.7	Hydrated bentonite
85					0.6	#3 Sand
					0.3	3rd Temporary well set at 90'
90	SS-90 GW-90	CL			0.3	
					1.3	
95				Below 94' - Strongly cemented caliche nodules.	1.0	Cement - 5% bentonite slurry
				Below 96' - No caliche.		
				Below 98' - Yellowish brown (10YR5/4).	0.5	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-34

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 82'-100' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Stiff to very stiff; Medium plasticity. *(continued)*		
		ML		(ML) 100'-104' Brown (7.5YR4/4); **SILT**; Wet; Stiff; Low Plasticity.	0.6	
					0.4	Hydrated bentonite
105		CL		(CL) 104'-122.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity; Strongly cemented caliche nodules.	0.7	#3 Sand 4th Temporary well water level (105.6')
				Below 106' - No caliche.	0.5	
110	SS-110 GW-110			Below 110' - Moist; Stiff.	0.6	4th Temporary well set at 110'
					1.1	
115				Below 115' - Pale brown (10YR6/3); Weakly to moderately cemented caliche nodules.	0.4	Cement - 5% bentonite slurry
				Below 116.5' - Brown (7.5YR5/4); Medium plasticity.	0.6	
120	SS-120					
		ML		(ML) 122.5'-130' Strong brown (7.5YR4/6); **SILT**; Wet; Stiff; Low plasticity.	0.9	Hydrated bentonite
125					0.4	#3 Sand
					0.4	5th Temporary well water level (127') 5th Temporary well set at 130'
130	SS-130 GW-130	CL		(CL) 130'-146' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity.	0.4	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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TETRA TECH, INC.

BORING NUMBER U4U5-34

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 130'-146' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity. *(continued)* Below 134' - Low plasticity.	0.0 0.0 0.0	Cement - 5% bentonite slurry
140	SS-140			Below 140' - Brown (7.5YR4/4); Wet.	0.0 0.0	Hydrated bentonite
145				Below 144' - Strongly cemented coarse caliche gravel.	0.0	#3 Sand
		ML		(ML) 146'-150' Brown (7.5YR5/4); **SILT**; Wet; Medium soft to firm; Low plasticity.	0.0	6th Temporary well water level (148.6')
150	SS-150 GW-150				0.0	6th Temporary well set at 150'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-35

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/15/16 **COMPLETED** 7/29/16
GROUND ELEVATION 1813.258 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717395.139
LOGGED BY B. Shams/J. Thacker **CHECKED BY** J. Walker
EASTING 828797.683
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.0	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.8	
10				10-10.5' **No Recovery**.		
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
15	SS-15			(SM) 15'-22.5' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded to angular grains; Fine to coarse grained sand; Caliche nodules.	0.9	
	SS-17.5				1.9	Cement - 5% bentonite slurry
20	SS-20	SM			1.4	
	SS-22.5			(SW-SM) 22.5'-27.5' Dark brown (7.5YR3/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular grains; Fine to coarse grained sand.	0.9	
25	SS-25	SW-SM			0.7	
	SS-27.5	SM		(SM) 27.5'-29' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded to angular grains; Fine to coarse grained sand; Gravel composed of gypsum and basaltic pebbles.	1.1	
30		SM		(SM) 29'-30' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			to subangular grains; Fine to coarse grained sand; Caliche nodules. / 30'-32' **No Recovery.**	1.1	
	SS-32.5			(SM) 32'-42.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Caliche nodules.	1.3	
35	SS-35				0.4	
		SM		Below 36' - Strong brown (7.5YR5/6); Moist; Trace low plasticity clay.		
	SS-37.5				0.3	Hydrated bentonite
40	SS-40			Below 40' - Dark brown (7.5YR3/3); Wet; Angular to subrounded grains; Coarse grained sand; Trace gravel.	0.2	1st Temporary well water level (38.65') 2nd Temporary well water level (39.2') #3 Sand
		ML		(ML) 42.5'-45' Light brown (7.5YR6/4); **SANDY SILT**; Moist; Subangular grains; Fine to medium grained sand; Low plasticity; Caliche nodules.	1.6	3rd Temporary well water level (43.6')
45	GW-45					
		SM		(SM) 45'-47' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Medium to coarse grained sand; Trace gravel.	0.7	1st Temporary well set at 45'
		ML		(ML) 47'-50' **SANDY SILT**; Moist; Fine to medium grained sand; Low plasticity; Trace clay.	0.6	
50						
		SM		(SM) 50'-52.5' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Wet; Angular to subrounded grains; Fine to medium grained sand; Trace clay.	0.5	
				(ML) 52.5'-70' Strong brown (7.5YR5/6); **SILT with SAND**; Moist; Subrounded grains; Fine grained sand; Low plasticity; Caliche nodules.	0.4	Cement - 5% bentonite slurry
55					0.6	
		ML			0.7	
60					0.5	
					0.1	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-35

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 52.5'-70' Strong brown (7.5YR5/6); **SILT with SAND**; Moist; Subrounded grains; Fine grained sand; Low plasticity; Caliche nodules. *(continued)*	0.1 0.1	#3 Sand 2nd Temporary well set at 70'
70	GW-70	SM		(SM) 70'-71.5' Dark brown (7.5YR3/3); **SILTY SAND with GRAVEL**; Moist; Subangular to rounded grains; Fine to coarse grained sand.	0.1	
75		CL		(CL) 71.5'-80' Brown (7.5YR5/4); **Lean CLAY with SAND**; Moist; Stiff; Fine to medium grained sand; Low plasticity; Some caliche nodules.	1.3 0.8 0.7	Cement - 5% bentonite slurry
80		CL		(CL) 80'-85' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Few fine grained sand. Below 82.5' - Soft; Some caliche nodules.	1.0 0.2	Hydrated bentonite
85		CL		(CL) 85'-90' Brown (7.5YR5/4); **Lean CLAY with SAND**; Moist; Stiff; Fine grained sand; Low to medium plasticity; Some caliche nodules.	0.2 0.5 0.5	#3 Sand 3rd Temporary well set at 90'
90	GW-90					

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BORING NUMBER U4U5-36

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/16/16 **COMPLETED** 9/15/16
GROUND ELEVATION 1813.017 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717216.509
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828073.513
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	GP		(GP) 1'-1.5' Strong brown (7.5YR4/6); **Poorly Graded GRAVEL with SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-2.5	SW		(SW) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.4	
5	SS-5	SW		(SW) 5'-5.5' Strong brown (7.5YR5/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.4	
	SS-7.5	SW		(SW) 7.5'-8' Strong brown (7.5YR4/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Medium to coarse grained sand; Trace silt.	0.6	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.3	
	SS-12.5	SW		(SW) 12'-15' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.2	
15	SS-15			(SM) 15'-25' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.0	Cement - 5% bentonite slurry
	SS-17.5				0.1	
20	SS-20	SM		Below 21' - Fine grained sand.	0.1	
	SS-22.5				0.2	
25	SS-25			(ML) 25'-30' Brown (7.5YR5/4); **SANDY SILT**; Dry; Soft; Subangular to subrounded grains; Fine grained sand; Trace gravel.	0.3	
	SS-27.5	ML			0.3	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 30'-40' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Medium plasticity; Few subrounded, fine grained sand.	0.2	
	SS-32.5				0.5	Hydrated bentonite
35	SS-35	ML		Below 34' - Brown (7.5YR5/4); Wet; Trace caliche gravel.	1.2	#3 Sand
					0.1	2nd Temporary well water level (37')
40	GW-40			40'-47.5' **No Recovery.**	0.1	1st Temporary well water level (37.1')
						1st Temporary well set at 40'
45						
				(ML) 47.5'-58' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Medium plasticity; Trace subangular to subrounded gravel; Trace subrounded, fine to medium grained sand.		Cement - 5% bentonite slurry
50					0.4	
		ML		Below 52' - Caliche nodules. Below 52.5' - No caliche.	0.1	
55				Below 54.5' - Caliche nodules. Below 55' - Brown (7.5YR5/4); Low plasticity; No caliche.	0.1	
					1.1	Hydrated bentonite
60		ML		(ML) 58'-61' Light brown (7.5YR6/4); **SANDY SILT with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand.	0.5	#3 Sand
		ML		(ML) 61'-63' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Low to medium plasticity.	0.0	2nd Temporary well set at 65'
		ML				

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TETRA TECH, INC.

BORING NUMBER U4U5-36

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 63'-71' Brown (7.5YR5/4); **SILT**; Moist; Soft to stiff; Trace Fine to medium grained sand; Trace subangular to subrounded caliche gravel. *(continued)* Below 65' - Soft.	0.0	
					0.0	
70					0.0	3rd Temporary well water level (69.8')
		ML		(ML) 71'-75' Brown (7.5YR5/4); **SILT with SAND**; Moist; Stiff; Fine to medium grained sand; Low plasticity.	0.0	Cement - 5% bentonite slurry
75		ML		(ML) 75'-77' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace subrounded, fine grained sand.	0.0	
		SM		(SM) 77'-78' Brown (7.5YR5/4); **SILTY SAND**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand.	0.0	
		SW		(SW) 78'-78.5' Dark brown (7.5YR3/2); **Well Graded SAND**; Moist; Loose; Subangular to angular grains; Fine to coarse grained sand.		
		SM		(SM) 78.5'-80' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to medium grained sand.		
80				(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low to medium plasticity.	0.1	
					0.0	Hydrated bentonite
85		CL		Below 85' - Firm.	0.0	#3 Sand
					0.0	3rd Temporary well set at 90'
90	GW-90				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-37

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/2/16 **COMPLETED** 8/10/16
GROUND ELEVATION 1814.371 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717226.219
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828133.389
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.1	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.0	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.8	
	SS-12.5	SW-SM		(SW-SM) 12'-22' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.3	Cement - 5% bentonite slurry
15	SS-15				0.0	
	SS-17.5					
20	SS-20				0.2	
	SS-22.5	SM		(SM) 22'-37.5' Pinkish gray (7.5YR6/2); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
25	SS-25				0.1	
	SS-27.5				0.4	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 22'-37.5' Pinkish gray (7.5YR6/2); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel. *(continued)* Below 32' - Yellowish brown (7.5YR5/4). Below 33' - Dark yellowish brown (10YR4/4).	0.4 1.3	
	SS-32.5					
35	SS-35				0.5	Hydrated bentonite
	SS-37.5	ML		(ML) 37.5'-49' Dark yellowish brown (10YR4/6); **SILT**; Wet; Firm; Medium plasticity; Few fine grained sand.	0.1	#3 Sand 1st Temporary well water level (38.35')
40					0.0	2nd Temporary well water level (38.5')
	GW-42.5				1.1	3rd Temporary well water level (40.2')
45					0.1	1st Temporary well set at 42.5'
					0.6	
50		ML		(ML) 49'-55' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Angular to subangular grains; Medium plasticity; Few fine to medium grained sand.	0.3	Cement - 5% bentonite slurry
					0.0	
55		CL		(CL) 55'-59' Dark yellowish brown (10YR4/4); **Lean CLAY with SAND**; Moist; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0.0	
					0.0	Hydrated bentonite
60		ML		(ML) 59'-68' **SILT with SAND**; Moist; Medium plasticity; Fine grained sand; Trace gravel.	0.0	#3 Sand
					0.0	2nd Temporary well set at 66'

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TETRA TECH, INC.

BORING NUMBER U4U5-37

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 59'-68' **SILT with SAND**; Moist; Medium plasticity; Fine grained sand; Trace gravel. *(continued)*	0.0	
	GW-66	ML				
					0.0	
		CL		(CL) 68'-72' Brown (7.5YR5/4); **Lean CLAY**; Moist; Low plasticity; Trace subangular, fine grained sand.		
70					0.1	
		ML		(ML) 72'-76.5' Light brown (7.5YR6/4); **SILT with SAND**; Moist; Medium plasticity; Few fine to medium grained sand; Trace angular to subangular gravel.	0.3	Cement - 5% bentonite slurry
75				Below 75' - Brown (7.5YR4/4); Medium plasticity.	0.2	
		SM		(SM) 76.5'-77' Brown (7.5YR4/4); **SILTY SAND**; Wet; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
		ML		(ML) 77'-80' Light brown (7.5YR6/4); **SILT with SAND**; Moist; Medium plasticity; Few fine to medium grained sand; Trace angular to subangular gravel.	0.2	
80					0.3	
		CL		(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity.		Hydrated bentonite
85				Below 85' - Soft.	0.7	
					0.5	#3 Sand
				Below 87' - Very stiff.		
					0.2	3rd Temporary well set at 90'
90	GW-90				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-38

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/5/16 **COMPLETED** 8/8/16
GROUND ELEVATION 1804.98 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717236.41
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828199.903
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.75' **CONCRETE**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.9	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel.	1.0	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.8	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.9	
10		SM		(SM) 10'-10.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
	SS-12.5			(SM) 12'-25' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	2.3	Cement - 5% bentonite slurry
15	SS-15			Below 15' - Pinkish Gray (7.5YR7/2).	0.4	
	SS-17.5	SM		Below 18' - Light brown (7.5YR6/4).	1.8	
20	SS-20			Below 20' - Brown (7.5YR5/4).	0.2	
	SS-22.5				0.0	
25	SS-25			(ML) 25'-40' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Trace subangular, fine grained sand.	0.5	Hydrated bentonite
	SS-27.5	ML			0.2	1st Temporary well water level (29.01')
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				(ML) 25'-40' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Trace subangular, fine grained sand. *(continued)*	0.0	#3 Sand
					0.0	3rd Temporary well water level (29.3')
	GW-34					2nd Temporary well water level (30.1')
35		ML			0.3	1st Temporary well set at 34'
					0.2	
40				(ML) 40'-45' Strong brown (7.5YR5/6); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Trace fine grained sand.	0.6	
		ML			1.1	Cement - 5% bentonite slurry
45				(ML) 45'-54' Brown (7.5YR5/4); **SILT**; Wet; Medium plasticity; Trace fine grained sand.	1.1	
				Below 47' - Strong brown (7.5YR5/6); Few gravel.	1.2	
		ML				
50					0.7	Hydrated bentonite
					0.9	#3 Sand
55		SM		(SM) 54'-55' **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
		ML		(ML) 55'-57' Brown (7.5YR5/4); **SILT**; Wet; Soft; Medium plasticity; Few fine grained sand.	0.7	2nd Temporary well set at 58'
		SM		(SM) 57'-58.5' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.7	
	GW-58					
60		CL		(CL) 58.5'-62' Brown (7.5YR5/4); **Lean CLAY**; Wet; Hard; Medium plasticity.	0.5	
		ML		(ML) 62'-64' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity; Few gravel.	0.4	

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TETRA TECH, INC.

BORING NUMBER U4U5-38

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 64'-68' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Low plasticity; Trace gravel. *(continued)*	0.4	Cement - 5% bentonite slurry
		ML			0.3	
		SM		(SM) 68'-74' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.1	
70					0.2	
75		CL		(CL) 74'-77' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Moist; Soft; Angular to subangular grains; Low to medium plasticity; Few fine to medium grained sand.	0.2	Hydrated bentonite
		CL		(CL) 77'-82' **Lean CLAY**; Moist; Hard; Low plasticity.	0.0	#3 Sand
80					0.0	3rd Temporary well set at 82'
	GW-82				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-39

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/1/16 **COMPLETED** 8/3/16
GROUND ELEVATION 1805.041 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717244.39
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828239.103
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.5	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.4	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-12.5	SW-SM		(SW-SM) 12'-16' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.2	Cement - 5% bentonite slurry
15	SS-15				1.9	
	SS-17.5	SM		(SM) 16'-25' Light gray (10YR47/2); **SILTY SAND**; Dry; Loose; Subrounded to rounded grains; Fine to medium grained sand; Trace caliche gravel.	0.5	
20	SS-20				0.2	
				Below 21' - Yellowish brown (10YR5/4); No caliche.		
	SS-22.5				0.1	
25	SS-25				0.3	Hydrated bentonite
	SS-27.5	ML		(ML) 25'-30' Strong brown (7.5YR4/6); **SILT**; Dry; Soft; Few subrounded to rounded, fine grained sand.	0.0	#3 Sand 1st Temporary well water
				Below 28' - Wet.		
30						

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TETRA TECH, INC.

BORING NUMBER U4U5-39

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				30'-33' **No Recovery.**	0.1	level (29.2') 2nd Temporary well water level (29.7') 1st Temporary well set at 33'
	GW-33			(SM) 33'-40' Dark brown (7.5YR3/3); **SILTY SAND with GRAVEL**; Moist; Firm; Fine to coarse grained sand; Trace clay.		
35		SM			1.7	3rd Temporary well water level (35.8')
					1.1	
40		ML		(ML) 40'-41' Light gray (10YR7/2); **SILT with SAND**; Moist; Soft; Fine grained sand; Trace caliche gravel.	4.7	Cement - 5% bentonite slurry
				(ML) 41'-50' Yellowish brown (10YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.9	
45		ML			2.8	
					0.4	
50						
		ML		(ML) 50'-52.5' Yellowish brown (10YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity; Trace clay.	0.4	Hydrated bentonite
				(ML) 52.5'-63' Yellowish brown (10YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.2	#3 Sand
55					0.3	2nd Temporary well set at 57.5'
	GW-57.5	ML			0.7	
60					7.2	
				Below 62' - Caliche nodules.	0.0	
		SM		(SM) 63'-69' Yellowish brown (10YR5/4); **SILTY SAND**; Moist; Medium dense; Rounded to subrounded grains; Fine grained sand.		

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TETRA TECH, INC.

BORING NUMBER U4U5-39

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 63'-69' Yellowish brown (10YR5/4); **SILTY SAND**; Moist; Medium dense; Rounded to subrounded grains; Fine grained sand. *(continued)*	0.0	Cement - 5% bentonite slurry
					0.0	
70		SP-SM		(SP-SM) 69'-70.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.	0.0	
		SM		(SM) 70.5'-71.5' Yellowish brown (10YR5/4); **SILTY SAND**; Moist; Medium dense; Rounded to subrounded grains; Fine grained sand.		
		SP-SM		(SP-SM) 71.5'-72' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.	0.1	
		ML		(ML) 72'-75' Yellowish brown (10YR5/4); **SILT**; Moist; Soft to firm; Trace rounded to subrounded, fine grained sand.		Hydrated bentonite
75		CL		(CL) 75'-80.5' Yellowish brown (10YR5/4); **Lean CLAY**; Moist; Stiff to very stiff; Medium plasticity.	0.0	
					0.0	#3 Sand
80					0.0	3rd Temporary well set at 82'
		SP-SM		(SP-SM) 80.5'-81.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.		
	GW-82	CL		(CL) 81.5'-82' Yellowish brown (10YR5/4); **Lean CLAY**; Stiff to very stiff; Medium plasticity.		

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BORING NUMBER U4U5-40

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/3/16 **COMPLETED** 8/4/16
GROUND ELEVATION 1804.902 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717250.828
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828278.677
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.75' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Pinkish gray (7.5YR7/2); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Pinkish gray (7.5YR7/2); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.0	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Pinkish gray (7.5YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
10	SS-10	SW		(SW) 10'-10.5' Dark brown (7.5YR3/2); **Well Graded SAND with GRAVEL**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand.	0.9	
				12'-15' **No Recovery.**		Cement - 5% bentonite slurry
15	SS-15			(SM) 15'-20' Dark brown (10YR3/3); **SILTY SAND**; Dry; Subrounded to subangular grains; Medium grained sand; Trace gravel.	2.2	
	SS-17.5	SM			0.6	
20	SS-20	SP		(SP) 20'-21' Very pale brown (10YR8/3); **Poorly Graded SAND**; Dry; Subangular to angular grains; Medium to coarse grained sand; Few caliche gravel.	0.1	
	SS-22.5	SM		(SM) 21'-24' Yellowish brown (10YR5/6); **SILTY SAND**; Moist; Firm; Subrounded to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
25	SS-25	ML		(ML) 24'-27' Dark yellowish brown (10YR4/6); **SANDY SILT**; Moist; Subrounded grains; Fine grained sand.	0.1	
	SS-27.5	SM		(SM) 27'-28' Yellowish brown (10YR5/6); **SILTY SAND**; Moist; Loose; Subrounded grains; Fine to medium grained sand.	0.1	Hydrated bentonite 1st Temporary well water level (28.8')
30		ML		(ML) 28'-47' Dark yellowish brown (10YR4/6); **SILT**; Moist; Firm; No plasticity; Few fine grained sand.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 28'-47' Dark yellowish brown (10YR4/6); **SILT**; Moist; Firm; No plasticity; Few fine grained sand. *(continued)* Below 30' - Wet; Soft.	0.0	2nd Temporary well water level (30')
					0.0	#3 Sand 1st Temporary well set at 35'
35	GW-35			Below 35' - Brown (7.5YR5/4); Medium plasticity; Few gravel; Trace fine to medium grained sand.	0.1	
		ML			0.0	
40					0.0	
					0.0	Cement - 5% bentonite slurry
45					0.0	
		ML		(ML) 47'-52' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Loose; Angular to subangular grains; Trace fine grained sand.	0.1	
50					0.1	Hydrated bentonite
		ML		(ML) 52'-55' Brown (7.5YR5/4); **SILT with SAND**; Wet; Loose; Subangular to subrounded grains; Fine grained sand.	0.2	#3 Sand
55		ML		(ML) 55'-57' Brown (7.5YR5/4); **SILT**; Wet; Loose; Few subangular to subrounded, fine grained sand.	0.0	2nd Temporary well set at 58.5'
		ML		(ML) 57'-58.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Loose; Angular to subangular grains; Medium plasticity; Trace fine to medium grained sand.	0.0	
	GW-58.5			(ML) 58.5'-63' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Trace angular to subangular gravel; Trace fine grained sand.		
60		ML			0.4	3rd Temporary well water level (38.35')
		SM		(SM) 63'-64' Light brown (7.5YR6/4); **SILTY SAND with GRAVEL**; Wet; Loose; Angular to subangular grains; Fine to coarse grained	0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-40

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		sand; Trace clay.		
		ML		(ML) 64'-65' Strong brown (7.5YR5/6); **SILT**; Wet; Soft to firm; Medium plasticity; Few subrounded, fine grained sand. *(continued)*	0.6	Cement - 5% bentonite slurry
		SM		(SM) 65'-65.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
		ML		(ML) 65.5'-70' Dark yellowish brown (10YR4/6); **SILT with SAND**; Wet; Loose; Subangular grains; Fine grained sand.	1.6	
70		SM		(SM) 70'-72.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Loose; Subangular grains; Fine to coarse grained sand; Trace gravel.	1.0	
		ML		(ML) 72.5'-73.5' - Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Soft; Subangular grains; Fine grained sand.	1.3	
		CL		(CL) 73.5'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Trace subangular, fine grained sand.		
75					1.4	Hydrated bentonite
					1.7	#3 Sand
80					3.2	3rd Temporary well set at 82'
	GW-82					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-41

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/27/16 **COMPLETED** 8/2/16
GROUND ELEVATION 1805.304 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717255.925
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828318.521
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1.5	SW		(SW) 1.5'-2' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine grained gravel; Trace silt.	2.3	
	SS-2.5	SW		(SW) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine grained gravel; Trace silt.	2.0	
5	SS-5	SW		(SW) 5'-5.5' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine grained gravel; Trace silt.	1.9	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine to coarse gravel (maximum 18mm).	2.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel (maximum 25mm); Trace silt.	2.0	Cement - 5% bentonite slurry
	SS-12.5			(SM) 12'-23.5' Dark brown (7.5YR3/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few subangular to subrounded fine to coarse gravel.	1.1	
15	SS-15			Below 14' - Light gray (10YR7/2); Trace fine caliche gravel.	0.5	
	SS-17.5	SM		Below 17.5' - Very pale brown (10YR7/3).	0.7	
20	SS-20			Below 20' - Subrounded to rounded grains; Fine grained sand; No caliche.	0.5	
	SS-22.5				0.3	
25	SS-25	SW-SM		(SW-SM) 23.5'-25' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Hydrated bentonite
				(ML) 25'-30' Dark yellowish brown (10YR4/4); **SILT**; Dry; Soft; Low plasticity; Few rounded to subrounded, fine grained sand.	0.1	
		ML		Below 27' - Wet.	0.1	#3 Sand
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 30'-32' Dark yellowish brown (10YR4/6); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity; Trace clay.	0.0	2nd Temporary well water level (30.2')
	GW-32			32'-41' **No Recovery.**		1st Temporary well water level (31')
35						1st Temporary well set at 32'
40						Cement - 5% bentonite slurry
		ML		(ML) 41'-42.5' Yellowish brown (10YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Caliche nodules.		
				(ML) 42.5'-52' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace rounded to subrounded, fine grained sand.	0.1	
45					0.2	
		ML			0.3	
50				Below 50' - Caliche nodules.	0.5	Hydrated bentonite
		ML		(ML) 52'-54.5' Dark yellowish brown (10YR4/6); **SANDY SILT**; Moist; Soft; Subrounded grains; Fine grained sand.	0.5	#3 Sand
55				(ML) 54.5'-62.5' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace rounded to subrounded, fine grained sand.	0.3	2nd Temporary well set at 57'
	GW-57					
		ML			0.1	3rd Temporary well water level (57.8')
60					0.0	
		ML		(ML) 62.5'-65' Dark yellowish brown (10YR4/6); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity.	0.0	

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TETRA TECH, INC.

BORING NUMBER U4U5-41

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		SM		(SM) 65'-71' Dark brown (7.5YR3/4); **SILTY SAND**; Moist; Medium dense; Subangular to subrounded grains; Fine to medium grained sand; No plasticity.	0.1 0.1 0.1	Cement - 5% bentonite slurry
70		ML		(ML) 71'-74' Dark yellowish brown (10YR6/4); **SILT with SAND**; Moist; Soft to firm; Subangular to subrounded grains; Fine grained sand; Low plasticity.	0.1	
75		SP		(SP) 74'-75' Dark brown (7.5YR3/4); **Poorly Graded SAND**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.	0.0	Hydrated bentonite
		CL		(CL) 75'-82' Dark yellowish brown (10YR4/6); **Lean CLAY**; Moist; Stiff to very stiff; Medium plasticity.	0.1	#3 Sand
80	GW-82				0.0 0.0	3rd Temporary well set at 82'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-42

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/12/16 **COMPLETED** 9/12/16
GROUND ELEVATION 1813.147 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717263.554
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828394.302
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
		SW		(SW) 1'-1.5' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.2	
		SW		(SW) 2.5'-3' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.4	
5		SW		(SW) 5'-5.5' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.2	
		SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.2	
10		SP		(SP) 10'-10.5' Dark brown (7.5YR3/4); **Poorly Graded SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Coarse grained sand.	0.1	
	SS-12.5			(SM) 12'-20.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.		
15	SS-15					
		SM				Cement - 5% bentonite slurry
	SS-17.5					
20	SS-20					
		SM		(SM) 20.5'-22' Light gray (7.5YR7/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
	SS-22.5	SW-SM		(SW-SM) 22'-24' Light brown (7.5YR6/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
25	SS-25			(ML) 24'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; Low plasticity; Trace fine gravel.		
	SS-27.5	ML				
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 24'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; Low plasticity; Trace fine gravel. *(continued)*		
	SS-32.5	ML				Hydrated bentonite
35	SS-35			(ML) 35'-40' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sane; Low plasticity; Caliche nodules.		#3 Sand
		ML				1st Temporary well water level (36.6')
40	GW-40			(ML) 40'-50' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Very soft; Angular to subrounded grains; Fine to medium grained sand; Low plasticity; Trace clay.		1st Temporary well set at 40'
					2.7	
45		ML			1.6	2nd Temporary well water level (45.6')
					1.6	Cement - 5% bentonite slurry
50				(ML) 50'-65' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine grained sand; Low to medium plasticity.	2.0	
					0.1	
55					0.2	
		ML			0.1	Hydrated bentonite
60				Below 59' - Caliche nodules. Below 59.5' - No caliche.	0.3	#3 Sand
					0.2	2nd Temporary well set at 65'

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-42

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 65'-67' Brown (7.5YR4/4); **SANDY SILT**; Moist; Subangular to subrounded grains; Fine grained sand; Low plasticity.	1.0	Cement - 5% bentonite slurry
		ML		(ML) 67'-72.5' Brown (7.5YR5/4); **SILT**; Dry; Stiff; Low plasticity; Caliche lens; Few fine grained sand. Below 68' - Moist; Hard; Medium plasticity.	0.0	
70		ML			0.3	
				Below 72' - Caliche nodules.	0.2	
				(ML) 72.5'-81' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity.	0.3	3rd Temporary well water level (75')
75		ML			0.1	
80					0.6	
		SW-SM		(SW-SM) 81'-82.5' Very dark brown (7.5YR5/3); **Well Graded SAND with SILT**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.2	Hydrated bentonite
				(ML) 82.5'-90' Brown (7.5YR5/4); **SILT**; Moist; Very stiff; Medium plasticity; Caliche nodules.		
85		ML			0.1	#3 Sand
					0.0	3rd Temporary well set at 90'
90	GW-90				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-43

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/10/16 **COMPLETED** 9/14/16
GROUND ELEVATION 1812.493 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717272.491
LOGGED BY J. Bunkers/J. Souza **CHECKED BY** J. Walker
EASTING 828442.919
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-2' **CONCRETE**.		
	SS-2.5	SW		(SW) 2.5'-3' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.0	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.4	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.1	
15	SS-15			15'-22.5' **No Recovery.**	0.5	Cement - 5% bentonite slurry
20						
	SS-22.5	SM		(SM) 22.5'-27' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.4	
25	SS-25				0.7	
	SS-27.5	SM		(SM) 27'-32' Pink (7.5YR8/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand. Below 28' - Pink (7.5YR7/4).	0.1	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 27'-32' Pink (7.5YR8/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand. *(continued)*	0.0	
	SS-32.5	ML		(ML) 32'-35' Brown (7.5YR5/4); **SILT with SAND**; Moist; Loose; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0.0	Hydrated bentonite
35	SS-35	ML		(ML) 35'-40' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace caliche gravel; Trace fine grained sand.	0.0	#3 Sand
					0.0	1st and 2nd Temporary well water level (36')
40	GW-40	ML		(ML) 40'-44' Brown (7.5YR5/4); **SILT with SAND**; Dry; Soft; Subangular grains; Fine grained sand; No plasticity.	0.0	1st Temporary well set at 40'
					0.1	
45				44'-47' **No Recovery.**		
		ML		(ML) 47'-57' Brown (7.5YR4/4); **SILT**; Moist; Firm; Medium plasticity; Trace gravel; Trace fine grained sand.	0.1	Cement - 5% bentonite slurry
50					0.1	
					0.1	
55					0.0	
		ML		(ML) 57'-58' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand; Caliche nodules.	0.0	Hydrated bentonite
60		ML		(ML) 58'-74' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand; Trace gravel.	0.0	#3 Sand
					0.0	2nd Temporary well set at 65'

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-43

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 58'-74' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand; Trace gravel. *(continued)* Below 66' - Caliche nodules. Below 67' - No caliche.	0.0 0.3 0.1 0.2	3rd Temporary well water level (70') Cement - 5% bentonite slurry
70						
75		ML		(ML) 74'-80' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Subangular to subrounded grains; Fine to coarse grained sand; Medium plasticity.	0.1 0.1	
80		ML		(ML) 80'-81' Dark brown (7.5YR3/2); **SANDY SILT**; Moist; Soft; Subrounded grains; Fine to coarse grained sand; Medium plasticity.	0.1	
85		CL		(CL) 81'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace caliche gravel.	0.1 0.1 0.1	Hydrated bentonite #3 Sand 3rd Temporary well set at 90'
90	GW-90				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-44

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/14/16 **COMPLETED** 7/15/16
GROUND ELEVATION 1812.973 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717315.009
LOGGED BY J. Bunkers/ B. Shams **CHECKED BY** J. Walker
EASTING 828849.605
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/6); **SILTY SAND**; Loose; Angular grains; Fine to coarse grained sand; Trace fine gravel (maximum 5mm).	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/6); **SILTY SAND**; Loose; Angular grains; Fine to coarse grained sand; Trace fine gravel (maximum 5mm).	0.4	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular grains; Fine to coarse grained sand; Trace fine gravel (maximum 5mm).	0.3	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.7	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Angular to rounded grains; Fine to coarse grained sand.	1.9	
	SS-12.5	GM		(GM) 12'-20' Brown (7.5YR5/4); **SILTY GRAVEL with SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Fine to coarse gravel; Cobble present.	2.0	
15	SS-15				0.7	
	SS-17.5				0.5	
20	SS-20	SM		(SM) 20'-22.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular grains; Fine to coarse grained sand; Few gravel.	0.1	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22.5'-25' Brown (7.5YR4/4); **SANDY SILT**; Dry; Soft; Rounded grains; Fine to coarse grained sand; Trace gravel.	0.2	
25	SS-25			(ML) 25'-67.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity.	0.4	
	SS-27.5	ML			0.4	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-44

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 25'-67.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity. *(continued)*	2.0	
	SS-32.5					
35	SS-35				0.3	
	SS-37.5				0.8	
40					0.6	
					1.0	Hydrated bentonite 1st Temporary well water level (43') #3 Sand
45					0.4	
					0.1	1st Temporary well set at 50'
50	GW-50			Below 50' - Low plasticity.	0.4	
					2.6	
55				Below 55' - Micaceous sand; Friable grains.	1.1	Cement - 5% bentonite slurry
					1.3	
60					0.3	
					0.5	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-44

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 25'-67.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity. *(continued)*	0.6	2nd Temporary well water level (65') #3 Sand
		SM		(SM) 67.5'-72.5' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.	0.3	
70	GW-70			Below 70' - Low plasticity; Trace subrounded gravel.	2.1	2nd Temporary well set at 70'
				Below 71' - Brown (7.5YR5/4); No plasticity.		
		ML		(ML) 72.5'-75' Brown (7.5YR5/4); **SILT**; Most; Firm; Low plasticity; Trace caliche.	4.7	
75		SP-SM		(SP-SM) 75'-77.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Moist; Loose; Subangular to subrounded grains; Medium to coarse grained sand; Fine to coarse gravel.	1.4	Cement - 5% bentonite slurry
		ML		(ML) 77.5'-90' Brown (7.5YR5/4); **SILT**; Moist; Low to medium plasticity; Trace fine grained sand.	0.7	
80					0.2	
					0.7	Hydrated bentonite
85					2.3	#3 Sand
					0.3	3rd Temporary well set at 90'
90	GW-90					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-45

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/27/16 **COMPLETED** 8/2/16
GROUND ELEVATION 1805.79 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717192.335
LOGGED BY J. Bunkers/ B. Shams **CHECKED BY** J. Walker
EASTING 828186.021
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'- 5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.8	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	2.0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.9	
	SS-12.5	SM		(SM) 12'-24.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.5	Cement - 5% bentonite slurry
15	SS-15				0.3	
				Below 16' - Strong brown (7.5YR5/6); Moist; Angular to subrounded grains.		
	SS-17.5				0.2	
20	SS-20				0.0	
	SS-22.5				0.0	
				Below 23' - Brown (7.5YR5/4); Trace low plasticity clay.		
25	SS-25	SW		(SW) 24.5'-25' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand.	0.2	
				25'-27' **No Recovery**.		
	SS-27.5	ML		(ML) 27'-50' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft to firm; Low plasticity; Trace clay.	0.0	Hydrated bentonite 3rd Temporary well water level (28.8')
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 27'-50' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft to firm; Low plasticity; Trace clay. *(continued)* Below 30' - Wet.	0.0	1st Temporary well water level (29')
					0.0	2nd Temporary well water level (29.4')
35	GW-35			Below 35' - Low to medium plasticity; Caliche nodules.	0.0	#3 Sand 1st Temporary well set at 35'
					0.2	
40		ML			0.0	
					0.0	Cement - 5% bentonite slurry
45					0.0	
					0.0	
50				50'-55' **No Recovery.**	0.1	Hydrated bentonite
55				(ML) 55'-64' Brown (7.5YR5/4); **SILT**; Moist; Dense; Medium plasticity; Few fine grained sand.		#3 Sand
					0.0	2nd Temporary well set at 60'
60	GW-60	ML			0.0	
					0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-45

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SW-SM		(SW-SM) 64'-65' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Angular to subrounded grains; Fine to coarse grained sand; Low plasticity. *(continued)*	0.6	
		SP-SM		(SP-SM) 65'-68' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to rounded grains; Coarse grained sand; Few gravel.	0.3	Cement - 5% bentonite slurry
		SM		(SM) 68'-69' Strong brown (7.5YR4/6); **SILTY SAND**; Moist; Fine grained sand; Low plasticity.		
70		SP		(SP) 69'-70' Dark brown (7.5YR3/2); **Poorly Graded SAND**; Moist; Loose; Subangular to rounded grains; Coarse grained sand; Trace gravel.	0.6	
		ML		(ML) 70'-74' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Few fine grained sand.	0.0	
75		SP		(SP) 74'-74.5' Brown (7.5YR5/4); **Poorly Graded SAND**; Moist; Loose; Coarse grained sand.	0.0	Hydrated bentonite
		ML		(ML) 74.5'-79' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Few fine grained sand.	0.0	#3 Sand
80		SP		(SP) 79'-79.5' Brown (7.5YR5/4); **Poorly Graded SAND**; Moist; Loose; Coarse grained sand.	0.0	3rd Temporary well set at 82'
	GW-82	ML		(ML) 79.5'-82' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Few fine grained sand.		

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATIONNERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-46

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/10/16 **COMPLETED** 8/19/16
GROUND ELEVATION 1805.085 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717203.699
LOGGED BY J. Berjikian/M. Hearn **CHECKED BY** J. Walker
EASTING 828197.074
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Strong brown (7.5YR4/6); **SILTY SAND**; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Strong brown (7.5YR4/6); **SILTY SAND**; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Dark brown (7.5YR3/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Strong brown (7.5YR4/6); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.0	
10	SS-10	ML		(ML) 10'-10.5' White (5YR8/1); **SILT with SAND**; Dry; Loose; Fine grained sand; Moderately cemented caliche nodules.	0.0	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/3); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.0	Cement - 5% bentonite slurry
15	SS-15			(ML) 15'-20' Brown (7.5YR4/4); **SILT with SAND**; Moist; Loose; Fine grained sand.	0.0	
	SS-17.5	ML			0.0	
20	SS-20			(ML) 20'-40' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand.	0.0	
	SS-22.5				0.0	
25	SS-25	ML			0.0	
				Below 26' - Firm.		
	SS-27.5				0.0	Hydrated bentonite 1st Temporary well water level (29.1')
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 20'-40' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand. *(continued)*	0.0	#3 Sand
					0.0	2nd Temporary well water level (34')
35	GW-35	ML		Below 35' - Wet.	0.0	1st Temporary well set at 35'
					0.0	
40				(CL) 40'-62.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low to medium plasticity; Trace fine grained sand.	0.0	
					0.0	Cement - 5% bentonite slurry
45					0.0	
					0.0	
50		CL			0.0	Hydrated bentonite
					0.0	#3 Sand
55					0.0	3rd Temporary well water level (54.9')
	GW-58.5				0.0	2nd Temporary well set at 58.5'
60				Below 60' - Soft to firm; Low plasticity.	0.4	
		ML		(ML) 62.5'-66' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.3	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-46

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-66' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand. *(continued)*	0.3	Cement - 5% bentonite slurry
		SM		(SM) 66'-71' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Fine grained sand; Trace gravel.	0.4	
70					0.3	
		ML		(ML) 71'-75' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft to firm; Fine grained sand; Low plasticity.	0.4	
75						Hydrated bentonite
		CL		(CL) 75'-82' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Medium plasticity; Caliche nodules.	0.2	#3 Sand
					0.2	
80					0.3	3rd Temporary well set at 82'
	GW-82				0.4	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-47

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/10/16 **COMPLETED** 8/17/16
GROUND ELEVATION 1805.784 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717198.506
LOGGED BY J. Bunkers/M. Hearn **CHECKED BY** J. Walker
EASTING 828216.971
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.0	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.0	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Dark brown (7.5YR3/3); **Well Graded SAND with SILT and GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.0	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Dark brown (7.5YR3/3); **Well Graded SAND with SILT and GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/3); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Cobble up to 4".	0.0	
	SS-12.5	SM		(SM) 12'-14' Brown (7.5YR5/3); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Cobble up to 4".	0.0	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 14'-15' White (5YR8/1); **SILT**; Moist; Soft to firm; Few fine grained sand; Trace gravel.	0.0	
		ML		(ML) 15'-18' Brown (7.5YR4/3); **SILT with SAND**; Dry to moist; Soft; Fine grained sand.		
	SS-17.5				0.0	
		SM		(SM) 18'-24' Brown (7.5YR5/3); **SILTY SAND**; Dry to moist; Loose; Subangular to subrounded grains; Fine grained sand.		
20	SS-20				0.0	
	SS-22.5			Below 23' - Fine to medium grained sand.	0.0	
		ML		(ML) 24'-35' Reddish brown (5YR4/3); **SILT**; Moist to wet; Stiff; Trace fine grained sand.		
25	SS-25				0.0	
	SS-27.5				0.0	Hydrated bentonite 1st Temporary well water level (29')
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 24'-35' Reddish brown (5YR4/3); **SILT**; Moist to wet; Stiff; Trace fine grained sand. *(continued)*	0.0 0.0	2nd Temporary well water level (30') #3 Sand
35	GW-35	SM		(SM) 35'-40' Brown (7.5YR5/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel; Highly weathered granite.	0.0 0.0	1st Temporary well set at 35'
40		ML		(ML) 40'-57' Brown (7.5YR4/3); **SILT**; Wet; Firm; Trace fine grained sand; Caliche nodules.	0.0 0.0 0.0 0.0 0.0	Cement - 5% bentonite slurry
45						
50						Hydrated bentonite
55					0.0 0.0	#3 Sand 2nd Temporary well set at 58.5'
60	GW-58.5	SM		(SM) 57'-66' Brown (7.5YR5/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine grained sand. Below 58.5' - Medium dense.	0.0 0.1 0.0	3rd Temporary well water level (60.8')

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TETRA TECH, INC.

BORING NUMBER U4U5-47

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 57'-66' Brown (7.5YR5/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine grained sand. *(continued)* Below 65' - Brown (7.5YR4/3); Fine to coarse grained sand.	0.0	Cement - 5% bentonite slurry
		ML		(ML) 66'-70' Dark brown (7.5YR3/3); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity.	0.0	
70		ML		(ML) 70'-75' Brown (7.5YR4/3); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.0	
					0.0	
75		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity; Trace fine grained sand.	0.0	Hydrated bentonite
					0.0	#3 Sand
80	GW-82				0.0	3rd Temporary well set at 82'
					0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-48

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 6/28/16 **COMPLETED** 7/7/16
GROUND ELEVATION 1813.56 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717099.737
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828165.446
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.7' **ASPHALT.**		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.		
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel (maximum 10mm).	5.0	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel (maximum 19mm).	5.4	
10	SS-10	SM		(SM) 10'-10.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel (maximum 20mm).		
	SS-12.5	SM		(SM) 12'-21.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
15	SS-15				0.0	
	SS-17.5			Below 17' - Brown (7.5YR4/3); Few fine to coarse gravel.	0.0	Cement - 5% bentonite slurry
20	SS-20				0.0	
	SS-22.5	SW-SM		(SW-SM) 21.5'-25' Light gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
25	SS-25	SM		(SM) 25'-27' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace fine to coarse gravel.	0.0	
	SS-27.5	SW-SM		(SW-SM) 27'-29.5' Light olive brown (2.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
30		ML				

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(ML) 29.5'-30.5' Dark yellowish brown (10YR4/4); **SILT with SAND**; Dry; Soft; Fine to medium grained sand; Medium plasticity; Trace gravel. *(continued)*	0.0	
	SS-32.5	ML		(SM) 30.5'-32.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace fine gravel.	0.0	
35	SS-35	SM		(ML) 32.5'-35.5' Dark yellowish brown (10YR4/6); **SILT with SAND**; Dry; Soft; Rounded grains; Fine grained sand.	0.0	1st Temporary well water level (35.5')
	SS-37.5			(SM) 35.5'-37.5' Light gray (10YR7/2); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	Hydrated bentonite
40	SS-40			(ML) 37.5'-90' Brown (7.5YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace subrounded, fine grained sand.	0.0	#3 Sand
				Below 39.5' - Wet.	0.0	3rd Temporary well water level (43')
45	GW-45			Below 45' - Brown (7.5YR4/4); Moist.		1st Temporary well set at 45'
50		ML		Below 49.5' - Trace fine to coarse gravel. Below 50' - No gravel.	0.0	
					0.0	Cement - 5% bentonite slurry
55					0.0	
					0.0	2nd Temporary well water level (56.5')
60					0.0	
					0.0	Hydrated bentonite

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TETRA TECH, INC.

BORING NUMBER U4U5-48

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 37.5'-90' Brown (7.5YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace subrounded, fine grained sand. *(continued)* Below 65' - Very stiff; Medium plasticity.	0.0	#3 Sand
				Below 68' - Soft; Low plasticity; Trace fine grained sand.	0.0	2nd Temporary well set at 70'
70	GW-70				0.0	
					0.0	
75				Below 74' - Firm.	0.0	Cement - 5% bentonite slurry
					0.0	
80				Below 80'- Very stiff.	0.0	
					0.0	Hydrated bentonite
85					0.0	#3 Sand
					0.0	3rd Temporary well set at 90'
90	GW-90				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-49

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 6/29/16 **COMPLETED** 7/8/16
GROUND ELEVATION 1812.984 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717075.717
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828250.127
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.2YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel; Trace cobble.	5.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel; Trace cobble.	3.5	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	5.0	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Moist from Hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	5.0	
10	SS-10	SM		(SM) 10'-10.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	5.0	
	SS-12.5	SM		(SM) 12'-19' Dark yellowish brown (10YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.	0.0	
15	SS-15				0.0	
	SS-17.5				0.0	Cement - 5% bentonite slurry
20	SS-20	SW-SM		(SW-SM) 19'-20.5' Light gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	0.0	
	SS-22.5	SM		(SM) 20.5'-25' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded to rounded grains; Fine to medium grained sand; Trace gravel.	0.3	
25	SS-25				0.0	
	SS-27.5	ML		(ML) 25'-35' Brown (7.5YR4/4); **SILT**; Dry; Soft to firm; No plasticity; Trace rounded to subrounded, fine grained sand.	0.0	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 25'-35' Brown (7.5YR4/4); **SILT**; Dry; Soft to firm; No plasticity; Trace rounded to subrounded, fine grained sand. *(continued)*	0.0	
	SS-32.5	ML			0.0	2nd Temporary well water level (34.3')
35	SS-35					1st Temporary well water level (35.1')
		ML		(ML) 35'-37.5' Brown (7.5YR4/4); **SILT with GRAVEL**; Dry; Subrounded to subangular grains; Few fine to coarse grained sand.	0.0	
	SS-37.5			(ML) 37.5'-47.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; Trace rounded to subrounded, fine grained sand.	0.3	Hydrated bentonite
40	SS-40			Below 40' - Wet.		#3 Sand
		ML			0.0	1st Temporary well set at 45'
45	GW-45				0.0	
				(CL) 47.5'-62.5' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0.0	
50					0.0	
		CL		(CL) Below 52.5'- Soft.	0.0	Cement - 5% bentonite slurry
55		CL			0.0	
					0.2	
60		CL		(CL) Below 60'- Very Stiff.	0.0	Hydrated bentonite
		ML		(ML) 62.5'-65' Brown (7.5YR4/4); **SILT**; Moist; Stiff; Low plasticity.	0.0	#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-49

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-65' Brown (7.5YR4/4); **SILT**; Moist; Stiff; Low plasticity. *(continued)*	0.0	3rd Temporary well water level (63.9')
	GW-67.5	CL		(CL) 65'-70' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0.0	2nd Temporary well set at 67.5'
70		ML		(ML) 70'-76.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Few subangular to subrounded, fine grained sand.	10.4	
					5.2	
				Below 74' - Trace rounded to subrounded, fine grained sand.		Cement - 5% bentonite slurry
75					7.0	
		SP-SM		(SP-SM) 76.5'-78' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Wet; Loose; Angular to subrounded grains; Coarse grained sand.	6.3	
		ML		(ML) 78'-80' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Trace rounded to subrounded, fine grained sand.		
80		SM		(SM) 80-81.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Coarse grained sand; Trace clay.	5.1	
				(ML) 81.5-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity.	4.5	Hydrated bentonite
85		ML		Below 85' - Trace fine grained sand.	7.2	#3 Sand
					4.1	3rd Temporary well set at 90'
90	GW-90				7.3	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-50

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/7/16 **COMPLETED** 7/7/16
GROUND ELEVATION 1813.333 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717090.527
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828342.185
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace cobble.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace cobble.	0.5	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND** ; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/3); **SILTY SAND** ; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose to medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	5.3	
15	SS-15			15'-25' **No Recovery**.		
20						Cement - 5% bentonite slurry
25				(SM) 25'-31' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose to medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-27.5	SM			1.8	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM				
		ML		(ML) 31'-34' White (7.5YR8/1); **SILT with SAND**; Dry; Loose; Fine to coarse grained sand; Weak cementation.		
	SS-32.5				9.3	
35	SS-35	ML		(ML) 34'-37' Brown (7.5YR5/4); **SILT**; Dry; Soft; Trace fine grained sand.	7.1	
	SS-37.5	SW		(SW) 37'-39' Brown (7.5YR4/2); **Well Graded SAND**; Moist to wet; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.		Hydrated bentonite
40	SS-40	ML		(ML) 39'-45' Reddish brown (5YR4/4); **SILT**; Wet; Firm; Trace fine grained sand.	8.3	#3 Sand
	SS-42.5					3rd Temporary well water level (42.55')
45	SS-45 GW-45	SP		(SP) 45'-47' Brown (7.5YR4/4); **Poorly Graded SAND**; Wet; Rounded grains; Fine grained sand; Few gravel; Trace silt.	6.0	1st Temporary well set at 45'
		CL		(CL) 47'-57' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand. Below 48' - Trace angular gravel.	2.1	Cement - 5% bentonite slurry
50					2.9	
				Below 53' - Few fine grained sand.		Hydrated bentonite
55	SS-55				7.2	#3 Sand
		SP		(SP) 57'-58' Dark Brown (7.5YR5/2); **Poorly Graded SAND**; Wet; Angular grains; Fine to medium grained sand; Trace silt.	6.6	2nd Temporary well set at 60'
60	GW-60	CL		(CL) 58'-63' Light brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand.	6.2	
		ML		(ML) 63'-68' Brown (7.5YR5/6); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-50

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63'-68' Brown (7.5YR5/6); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay. *(continued)* Below 65' - Brown (7.5YR4/4).	1.6	
					5.3	
70		CL		(CL) 68'-75' Brown (10YR5/6); **Lean CLAY**; Wet; Low plasticity; Trace angular gravel; Trace fine grained sand.	0.9	Cement - 5% bentonite slurry
75		ML		(ML) 75'-79' Brown (10YR4/6); **SILT**; Wet; Trace fine grained sand; Trace clay.	0.5	
80		SP		(SP) 79'-82' Dark brown (7.5YR2.5/1); **Poorly Graded SAND**; Wet; Angular grains; Fine to medium grained sand; Trace angular gravel.	7.4	Hydrated bentonite
85		CL		(CL) 82'-90' Brown (7.5YR5/9); **Lean CLAY**; Wet; Low plasticity; Trace angular, fine grained sand.	1.2	#3 Sand
90	GW-90					3rd Temporary well set at 90'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:21 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-51

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/7/16 **COMPLETED** 7/8/16
GROUND ELEVATION 1813.546 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717142.069
LOGGED BY B. Shams/M. Hearn **CHECKED BY** J. Walker
EASTING 828432.365
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	5.4	
	SS-2.5	SM		(SM) 2.5'-3' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6.2	
5	SS-5	SM		(SM) 5'-5.5' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6.9	
	SS-7.5	SM		(SM) 7.5'-8' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6.1	
10	SS-10	SM		(SM) 10'-10.5' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6.0	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular grains; Fine to coarse grained sand; Fine gravel.	8.9	
15	SS-15	SW		(SW) 15'-16' Light yellowish brown (10YR6/4); **Well Graded SAND**; Moist; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.	8.6	
	SS-17.5	SM		(SM) 16'-20' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Maximum 3" gravel.	6.6	
20	SS-20			(ML) 20'-25' Strong brown (7.5YR4/6); **SILT**; Moist; Soft; Trace fine grained sand; Trace clay.	5.8	Cement - 5% bentonite slurry
	SS-22.5	ML				
25	SS-25			25'-35' **No Recovery**.		
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:18 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				25'-35' **No Recovery**. *(continued)*		
35				(ML) 35'-45' Strong brown (7.5YR4/6); **SILT**; Wet; Firm; Trace fine grained sand; Trace clay.		1st Temporary well water level (36.4')
	SS-37.5					2nd Temporary well water level (38.8')
40	SS-40	ML				
	SS-42.5					3rd Temporary well water level (43.4')
45	SS-45	SM		(SM) 45'-46.5' Brown (7.5YR5/6); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand.	7.8	Hydrated bentonite #3 Sand
		CL		(CL) 46.5'-50' Brown (7.5YR5/6); **LEAN CLAY**; Wet; Low plasticity; Trace angular gravel.	0.5	1st Temporary well set at 51'
50	GW-51	SM		(SM) 50'-60' Light brown (7.5YR6/4); **SILTY SAND**; Wet; Medium dense; Fine to medium grained sand; Low to no plasticity; Trace gravel.	0.4	
55						Cement - 5% bentonite slurry
				Below 58' - Brown (7.5YR4/3); Loose; No gravel.	0.8	
60		ML		(ML) 60'-62' Strong brown (7.5YR5/6); **SANDY SILT**; Wet; Firm; Fine grained sand; Low plasticity.	0.8	Hydrated bentonite
		SW		(SW) 62'-63' Brown (7.5YR4/4); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.3	#3 Sand
		ML		(ML) 63'-70' Brown (7.5YR5/4); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:18 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-51

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 63'-70' Brown (7.5YR5/4); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay. *(continued)*	0.4	2nd Temporary well set at 67'
	GW-67	ML				
70				(ML) 70'-79' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; No plasticity.	0.2	
75		ML				Cement - 5% bentonite slurry
80		SM		(SM) 79'-81' Dark brown (7.5YR3/4); **SILTY SAND**; Wet; Loose; Angular to rounded grains; Medium to coarse grained sand; Trace gravel.	0.0	Hydrated bentonite
		CL		(CL) 81'-85' Brown (7.5YR4/6); **Lean CLAY**; Wet; Stiff; Medium plasticity.	0.4	#3 Sand
85		SM		(SM) 85'-86' Brown (7.5YR3/4); **SILTY SAND**; Wet; Loose; Angular to rounded grains; Fine to medium grained; Trace gravel.	1.0	3rd Temporary well set at 87.5'
	GW-87.5	ML		(ML) 86'-90' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Low plasticity.	0.4	
90						Native formation

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:18 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-52

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/13/16 **COMPLETED** 7/13/16
GROUND ELEVATION 1813.249 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717133.908
LOGGED BY B. Shams/A. Weimer **CHECKED BY** J. Walker
EASTING 828606.468
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	8.6	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	8.0	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace fine gravel.	8.1	
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	8.2	
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry to moist; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	8.2	
	SS-12.5			(SP-SM) 12'-22.5' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Medium grained sand; Trace gravel.	5.5	
15	SS-15				3.2	
	SS-17.5	SP-SM		Below 17.5' - Brown (7.5YR5/4).	2.7	
20	SS-20				2.7	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22.5'-25' Strong brown (10YR5/6); **SILT**; Dry; Soft; Trace fine grained sand; Trace clay.	1.5	
25	SS-25	SW		(SW) 25'-27.5' **Well Graded SAND with GRAVEL**; Dry to moist; Loose; Subangular to rounded grains; Fine to coarse grained sand; Mild odor; Pieces of wood/roots 2"-5" long and 0.5"-2" wide.	6.2	
	SS-27.5	ML		(ML) 27.5'-30' Brown (7.5YR4/4); **SILT**; Dry to moist; Loose; Trace fine grained sand.	1.9	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-52

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 30'-32.5' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.8	
	SS-32.5	ML		(ML) 32.5'-35' Brown (7.5YR5/4); **SILT**; Moist to wet; Firm; Few subangular to subrounded, fine grained sand.	1.0	
35	SS-35	ML		(ML) 35'-36.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Fine to medium grained sand; Trace clay.	0.5	
		SP		(SP) 36.5'-37.5' Grayish brown (7.5YR4/2); **Poorly Graded SAND**; Wet; Subrounded grains; Fine to coarse grained sand; Trace silt.		
		ML		(ML) 37.5'-50' Brown (7.5YR4/4); **SILT**; Moist to wet; Firm; Low plasticity; Trace fine grained sand.	0.3	2nd Temporary well water level (37.9')
40					0.1	1st Temporary well water level (38.4')
					0.1	Hydrated bentonite
45				Below 45' - Brown (7.5YR5/4); Moist; Low to medium plasticity.	1.3	#3 Sand
					0.8	1st Temporary well set at 50'
50	GW-50	CL		(CL) 50'-57.5' Strong brown (7.5YR4/6); **Lean CLAY with GRAVEL**; Moist; Low plasticity; Angular grains; Trace fine grained sand.	1.1	3rd Temporary well water level (49.5')
					0.7	
55					0.8	Cement - 5% bentonite slurry
		ML		(ML) 57.5'-62.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular grains; Few fine to medium grained sand.	0.3	
60					0.8	
		ML		(ML) 62.5'-67.5' Strong brown (7.5YR4/6); **SILT**; Wet; Stiff; Trace fine grained sand.	1.3	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-52

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-67.5' Strong brown (7.5YR4/6); **SILT**; Wet; Stiff; Trace fine grained sand. *(continued)*	1.6	#3 Sand
		ML		(ML) 67.5'-70' Brown (7.5YR5/4); **GRAVELLY SILT**; Moist; Very stiff; Angular grains; Few fine to medium grained sand.	0.7	2nd Temporary well set at 70'
70	GW-70	ML		(ML) 70'-77.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm; Angular to subangular grains; Fine to medium grained sand; Trace gravel; Trace clay.	1.3	
					1.4	
75				Below 75' - Brown (7.5YR4/6); Moist; Soft; Fine grained sand.	0.4	Cement - 5% bentonite slurry
		SP		(SP) 77.5'-78' Strong brown (7.5YR3/6); **Poorly Graded SAND**; Wet; Loose; Angular grains; Medium grained sand.	0.2	
		CL		(CL) 78'-80' Brown (7.5YR5/4); **LEAN CLAY**; Moist; Very stiff; Medium plasticity.		
80		SM		(SM) 80'-81' Brown (7.5YR4/4); **SILTY SAND**; Wet; Loose; Rounded to subangular grains; Fine to medium grained sand.	0.6	
		ML		(ML) 81'-85' Strong brown (7.5YR4/6); **SILT**; Moist; Firm; Trace angular gravel; Trace fine grained sand.	0.8	Hydrated bentonite
85		CL		(CL) 85'-90' Brown (7.5YR4/4); **LEAN CLAY**; Moist; Stiff; Low plasticity.	0.1	#3 Sand
					1.3	3rd Temporary well set at 90'
90	GW-90				0.2	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-53

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/7/16 **COMPLETED** 7/11/16
GROUND ELEVATION 1813.525 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717138.966
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828718.774
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.1	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.6	
5	SS-5	SP		(SP) 5'-5.5' Light brown (7.5YR6/3); **Poorly Graded SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.	1.0	
	SS-7.5	SP		(SP) 7.5'-8' Light brown (7.5YR6/3); **Poorly Graded SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.	1.3	
10				7.5'-12' **No Recovery**.		
	SS-12.5	SM		(SM) 12'-40' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	4.7	
15	SS-15				1.5	
	SS-17.5				0.6	
20	SS-20				0.5	Cement - 5% bentonite slurry
	SS-22.5				0.3	
25	SS-25			Below 25' - Moist.	0.1	
	SS-27.5				0.1	
30				Below 29' - Light gray (5YR7/1); Subangular to rounded grains; Trace fine gravel.		

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-53

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			Below 29.5' - Grayish brown (10YR5/2). (SM) 12'-40' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel. *(continued)*	0.1	
	SS-32.5				0.1	
				Below 33.5' - Dark yellowish brown (10YR4/6).		1st Temporary well water level (36.1')
35	SS-35	SM		Below 35' - Grayish brown (10YR5/2).	0.1	
	SS-37.5			Below 37.5' - Dark yellowish brown (10YR4/6).	0.1	2nd Temporary well water level (37')
40	SS-40			(ML) 40'-56' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.2	
	SS-42.5				0.1	Hydrated bentonite
				Below 44' - Wet; Trace fine gravel.		
45	SS-45			Below 45' - Firm.	0.0	#3 Sand
		ML			0.0	1st Temporary well set at 50'
50	GW-50				0.0	
					0.6	
55					0.4	Cement - 5% bentonite slurry
		ML		(ML) 56'-58' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Rounded to subrounded grains; Fine grained sand.	0.0	
				(ML) 58'-64.5' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Rounded to subrounded grains; Fine grained sand.		
60					0.1	
		ML			0.0	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-53

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 64.5'-67.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Medium to coarse grained sand; Trace clay.	0.0	#3 Sand 3rd Temporary well water level (67.3')
		ML		(ML) 67.5'-70' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Few fine grained sand.	0.6	
70	GW-70	ML		(ML) 70'-74' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Subangular to subrounded grains; Fine to medium grained sand; Trace clay.	0.4 0.0	2nd Temporary well set at 70'
75		ML		(ML) 74'-79' Brown (7.5YR4/4); **SILT**; Moist; Soft; Few subrounded, fine grained sand.	0.5 0.1	Cement - 5% bentonite slurry
80		SM		(SM) 79'-82.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.0	
		ML		(ML) 82.5'-90' Brown (7.5YR4/4); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand.	0.0	Hydrated bentonite
85		ML			0.0	#3 Sand
		ML			0.0	3rd Temporary well set at 90'
90	GW-90	ML			0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-54

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/1/16 **COMPLETED** 7/1/16
GROUND ELEVATION 1813.416 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717173.784
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828852.732
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
5	SS-5	SM		(SM) 5'-5.5' Dark brown (7.5YR3/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
	SS-7.5	SP		(SP) 7.5'-8' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.		
10	SS-10	SP		(SP) 10'-10.5' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.		
	SS-12.5	SW-SM		(SW-SM) 12'-15' Light olive brown (2.5YR5/6); **Well Graded SAND with SILT**; Dry; Loose; Fine to coarse grained sand; Trace gravel; Trace clay.	2.0	
15	SS-15	SW-SM		(SW-SM) 15'-18' Light olive brown (2.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Fine to medium grained sand.	1.5	
	SS-17.5			Below 17.5' - Dark yellowish brown (10YR4/4).	1.0	
20	SS-20	SP		(SP) 18'-22.5' Dark yellowish brown (10YR4/4); **Poorly Graded SAND**; Dry; Loose; Fine to medium grained sand. Below 20' - Dark yellowish brown (10YR4/6).	0.7	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22.5'-24' Yellowish brown (10YR5/4); **SILT**; Dry; Soft; Few fine grained sand.	0.5	
25	SS-25	CL		(CL) 24'-25' Yellowish brown (10YR5/4); **Lean CLAY**; Dry; Soft; Low to no plasticity.		
		ML		(ML) 25'-26' Dark yellowish brown (10YR4/4); **SILT**; Dry; Soft; Trace gravel; Trace fine grained sand.	0.2	
		CL		(CL) 26'-26.5' Dark yellowish brown (10YR4/6); **Lean CLAY**; Moist; Firm; Low plasticity; Trace fine grained sand.		
	SS-27.5	ML		(ML) 26.5'-30' Yellowish brown (10YR5/4); **SILT**; Moist; Soft; Trace fine grained sand. Below 29' - Dark yellowish brown (10YR4/6).	0.4	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 30'-32.5' Yellowish brown (10YR5/4); **SILT**; Moist; Firm; Medium plasticity.	0.1	
	SS-32.5	CL		(CL) 32.5'-40' Yellowish brown (10YR5/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace gravel. Below 33' - Dark yellowish brown (10YR4/4).	0.3	
35	SS-35			Below 35' - Dark yellowish brown (10YR4/6); Firm to stiff; Medium plasticity.	0.1	2nd Temporary well water level (35.6')
	SS-37.5			Below 37' - Firm; Few medium grained sand; Trace gravel.	0.1	Hydrated bentonite
40		CL		(CL) 40'-42.5' Dark yellowish brown (10YR4/4); **Lean CLAY with SAND**; Moist; Stiff; Low plasticity; Trace fine grained sand.	0.1	#3 Sand
		CL		(CL) 42.5'-43' Yellowish brown (10YR5/4); **Lean CLAY with GRAVEL**; Moist; Stiff; Low plasticity; Angular gravel; Trace fine grained sand.	0.0	1st Temporary well water level (44')
45	GW-46.5	ML		(ML) 43'-53.5' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft; Trace gravel.	0.1	1st Temporary well set at 46.5'
50					0.2	3rd Temporary well water level (50.2')
				Below 53' - Stiff; Few rounded, fine grained sand.	0.2	
55		CL		(CL) 53.5'-60' Brown (10YR5/5); **Lean CLAY with SAND**; Moist; Stiff; Fine to medium grained sand; Low to no plasticity; Trace gravel.	0.1	Cement - 5% bentonite slurry
					0.5	
60		CL		(CL) 60'-65' Brown (10YR4/6); **Lean CLAY with GRAVEL**; Moist; Stiff; Low to no plasticity; Trace rounded, fine grained sand.	2.2	
					0.8	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-54

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL				
		ML		(ML) 65'-69' Brown (10YR4/6); **SILT with SAND**; Moist; Stiff; Fine to medium grained sand; Trace gravel.	0.5	#3 Sand
					0.3	2nd Temporary well set at 70'
70	GW-70	SM		(SM) 69'-76' Dark brown (10YR3/6); **SILTY SAND**; Moist; Subangular to rounded grains; Fine to medium grained sand; Few gravel. Below 70' - Dark brown (10YR4/6); Wet; Angular to rounded grains; Trace gravel.	0.5	
					0.1	
75					0.5	Cement - 5% bentonite slurry
		ML SM		(ML) 76'-76.5' Dark yellowish brown (10YR4/4); **SILT**; Moist; Soft; Few rounded, fine grained sand.		
		CL		(SM) 76.5'-77' Dark yellowish brown (10YR3/6); **SILTY SAND**; Wet; Rounded grains; Fine grained sand.	0.4	
80				(CL) 77'-80' Yellowish brown (10YR5/4); **Lean CLAY**; Moist; Medium plasticity; Trace rounded, fine grained sand.		
		SP-SM		(SP-SM) 80'-81' Dark brown (10YR3/3); **Poorly Graded SAND with SILT**; Moist; Angular grains; Fine to medium grained sand.	0.8	
		ML		(ML) 81'-83' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft.	0.5	Hydrated bentonite
		SP-SM ML		(SP-SM) 83'-83.5' Dark yellowish brown (10YR3/6); **Poorly Graded SAND with SILT**; Moist; Angular grains; Fine to medium grained sand; Trace gravel.		
85				(ML) 83.5'-85' Dark yellowish brown (10YR4/6); **SILT**; Moist; Stiff; Few rounded, fine grained sand.	0.5	#3 Sand
		ML		(ML) 85'-90' Dark yellowish brown (10YR4/6); **SILT with SAND**; Moist; Stiff; Angular grains; Fine to medium grained sand; Trace gravel.	0.3	3rd Temporary well set at 90'
90	GW-90				0.5	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-55

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/9/16 **COMPLETED** 8/12/16
GROUND ELEVATION 1805.796 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717194.757
LOGGED BY J. Bunkers/M. Hearn **CHECKED BY** J. Walker
EASTING 828194.87
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-12.5	SP		(SP) 12'-13' Brown (7.5YR4/3); **Poorly Graded SAND with GRAVEL**; Moist; Very loose; Subangular to subrounded grains; Medium to coarse grained sand; Trace silt; Gravel up to 3".	0.3	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 13'-15' White (5YR8/1); **SILT with SAND**; Dry; Loose with moderately cemented areas; Fine grained sand; Trace gravel.		
	SS-17.5			(ML) 15'-35' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand; Trace clay.	0.3	
20	SS-20				0.3	
	SS-22.5	ML		Below 21' - Reddish brown (5YR5/3); Wet; Firm.	0.0	
25	SS-25				0.0	
	SS-27.5				0.1	Hydrated bentonite
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 15'-35' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand; Trace clay. *(continued)*	0.0 0.2	#3 Sand 1st Temporary well water level (29.2') 2nd Temporary well water level (30.5') 1st Temporary well set at 35'
35	GW-35	CL		(CL) 35'-48' Brown (7.5YR5/4); **Lean CLAY**; Moist to wet; Firm; Low to medium plasticity; Caliche nodules; Trace fine grained sand.	0.0 0.5 0.2 0.1 0.0 0.0	Cement - 5% bentonite slurry
40						
45						
50		ML		(ML) 48'-58.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Fine grained sand; Low plasticity. Below 50' - Brown (7.5YR4/4).	0.0 0.0	3rd Temporary well water level (48.9') Hydrated bentonite
55				Below 56' - Fine to medium grained sand.	0.0 0.0	#3 Sand 2nd Temporary well set at 58.5'
60	GW-58.5	CL		(CL) 58.5'-63.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity; Caliche nodules; Trace fine grained sand.	0.0 0.1 0.1	
		ML				

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-55

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63.5'-65' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity; Few fine grained sand. *(continued)*	0.0	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 65'-66' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 66'-70' Brown (7.5YR5/5); **SILTY SAND**; Wet; Medium dense; Fine grained sand; Low plasticity.	0.0	
70		CL		(CL) 70'-74' Brown (7.5YR4/3); **Lean CLAY with SAND**; Wet; Firm; Medium plasticity; Fine to medium grained sand.	0.0	
					0.0	
75		CL		(CL) 74'-82' Brown (7.5YR4/3); **Lean CLAY**; Moist; Firm to stiff; Low plasticity; Trace fine grained sand.	0.0	Hydrated bentonite
					0.0	#3 Sand
80	GW-82				0.0	3rd Temporary well set at 82'
					0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-56

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/4/16 **COMPLETED** 8/5/16
GROUND ELEVATION 1805.965 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717195.107
LOGGED BY J. Bunkers/ B. Shams **CHECKED BY** J. Walker
EASTING 828198.614
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Pinkish gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.1	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Pinkish gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.0	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Pinkish gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded sand; Fine to coarse grained sand; Few gravel.	10	
	SS-12.5	SM		(SM) 12'-14.5' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.4	Cement - 5% bentonite slurry
15	SS-15			Below 14.5' - White chalky lens.		
				(ML) 15'-20' Brown (7.5YR5/4); **SILT with SAND**; Dry; Soft; Subangular grains; Fine to coarse grained sand.	0.4	
	SS-17.5	ML			0.5	
20	SS-20			(ML) 20'-42' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Angular grains; Fine to coarse grained sand; Low plasticity.	0.6	
	SS-22.5			Below 22' - Trace clay.	0.1	
25	SS-25	ML			0.0	
	SS-27.5				0.0	Hydrated bentonite
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 20'-42' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Angular grains; Fine to coarse grained sand; Low plasticity. *(continued)* Below 30' - Wet.	0.0	1st Temporary well water level (29.2')
					0.0	2nd Temporary well water level (29.4')
35	GW-35			Below 35' - Caliche nodules.	0.0	#3 Sand 1st Temporary well set at 35'
					0.6	
40					0.3	
		ML		(ML) 42'-55' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Low plasticity; Caliche nodules.	0.1	Cement - 5% bentonite slurry
45					0.3	
					0.2	3rd Temporary well water level (47.95')
50					0.4	Hydrated bentonite
					0.4	#3 Sand
55				55'-63' **No Recovery.**	0.2	2nd Temporary well set at 58'
	GW-58					
60						
		ML				

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-56

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63'-67' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Angular to subangular grains; Fine to coarse grained sand; Low plasticity. *(continued)*	0.6	Cement - 5% bentonite slurry
		SW		(SW) 67'-70' Very dark brown (7.5YR2.5/3); **Well Graded SAND with GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.4	
70		ML		(ML) 70'-72' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Angular to to subrounded grains; Fine to medium grained sand; Low plasticity.	0.3	
		CL		(CL) 72'-82' Brown (7.5YR4/3); **Lean CLAY with SAND**; Moist; Stiff; Fine grained sand; Medium plasticity.	0.0	
75					0.0	Hydrated bentonite
					0.0	#3 Sand
80					0.0	3rd Temporary well set at 82'
	GW-82			Below 81' - Caliche nodules.		

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-57

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/15/16 **COMPLETED** 8/16/16
GROUND ELEVATION 1805.78 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717193.094
LOGGED BY J. Berjikian/M. Hearn **CHECKED BY** J. Walker
EASTING 828209.912
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.0	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
	SS-12.5	SM		(SM) 12'-15' White (5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	2.7	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 15'-20' Brown (7.5YR4/3); **SANDY SILT**; Moist; Loose; Fine gained sand.	1.4	
	SS-17.5				1.1	
20	SS-20	SM		(SM) 20'-22.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-22.5	ML		(ML) 22.5'-58.5' Reddish brown (7.5YR4/3); **SILT**; Moist; Firm; No plasticity; Trace fine grained sand.	0.9	
25	SS-25				0.5	Hydrated bentonite 1st Temporary well water level (29')
	SS-27.5				0.3	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 22.5'-58.5' Reddish brown (7.5YR4/3); **SILT**; Moist; Firm; No plasticity; Trace fine grained sand. *(continued)* Below 30' - Brown (7.5YR4/4); Moist to wet; Low plasticity.	0.4	#3 Sand
					0.1	1st Temporary well set at 35'
35	GW-35				0.0	
					0.7	2nd Temporary well water level (36')
						3rd Temporary well water level (38')
40					0.6	
					0.3	Cement - 5% bentonite slurry
		ML				
45					0.2	
					0.3	
50					0.2	Hydrated bentonite
					0.1	#3 Sand
55					0.0	2nd Temporary well set at 58.5'
	GW-58.5	SC		(SC) 58.5'-59' Brown (7.5YR5/3); **CLAYEY SAND**; Wet; Loose; Subangular to subrounded grains; Fine to medium grained sand.		
60		ML		(ML) 59'-60' Brown (7.5YR5/4); **SILT**; Moist; Firm; Trace fine grained sand.	1.1	
		SM		(SM) 60'-68' Brown (7.5YR5/4); **SILTY SAND**; Moist; Medium dense; Fine grained sand.	0.6	

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TETRA TECH, INC.

BORING NUMBER U4U5-57

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 60'-68' Brown (7.5YR5/4); **SILTY SAND**; Moist; Medium dense; Fine grained sand. *(continued)*	0.7	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 68'-69' Brown (7.5YR2.5/5); **Well Graded SAND with SILT**; Wet; Very loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.5	
70		SM		(SM) 69'-72' Brown (7.5YR4/3); **SILTY SAND**; Wet; Medium dense; Fine grained sand.	0.3	
		CL		(CL) 72'-82' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low to medium plasticity; Few fine grained sand.	0.3	
75					0.2	Hydrated bentonite
					0.2	#3 Sand
80					0.2	3rd Temporary well set at 82'
	GW-82				0.2	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-58

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/5/16 **COMPLETED** 8/9/16
GROUND ELEVATION 1805.757 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717217.18
LOGGED BY B. Shams/M. Hearn **CHECKED BY** J. Walker
EASTING 828332.619
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.9	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.1	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' **Well Graded SAND with SILT and GRAVEL**; Moist from hydrovac; Loose; Fine to coarse grained sand; Fine to coarse gravel; Trace cobble (maximum 20mm).	1.1	
	SS-12.5	SM		(SM) 12'-15' Pinkish white (7.5YR8/2); **SILTY SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel (maximum 2").	1.0	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 15'-19' Reddish brown (5YR4/3); **SILT with SAND**; Moist; Soft; Fine to medium grained sand; Trace clay.	1.1	
	SS-17.5				0.9	
20	SS-20	SM		(SM) 19'-35' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel (maximum 2").	0.8	
	SS-22.5			Below 22' - Brown (7.5YR4/4); Medium dense; Caliche nodules.	0.7	
25	SS-25				1.0	
	SS-27.5				0.8	Hydrated bentonite
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 19'-35' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel (maximum 2"). *(continued)*	1.2 1.1	1st Temporary well water level (29.8') #3 Sand 2nd Temporary well water level (30.4')
35	GW-35	ML		(ML) 35'-43' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand.	0.9 0.5 0.1	1st Temporary well set at 35' 3rd Temporary well water level (38')
40		SC		(SC) 43'-45' Light brown (7.5YR6/4); **CLAYEY SAND**; Wet; Medium dense; Low to no plasticity; Fine to coarse grained sand; Trace gravel.	0.1	Cement - 5% bentonite slurry
45		ML		(ML) 45'-55' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand.	0.1 0.0 0.0	
50					0.0	Hydrated bentonite
55				55'-58.5' **No Recovery**.	0.0	#3 Sand 2nd Temporary well set at 58.5'
60	GW-58.5	ML		(ML) 58.5'-70' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand.	1.1 1.5	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-58

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 58.5'-70' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand. *(continued)*	1.7 1.8	Cement - 5% bentonite slurry
70		SP-SM		(SP-SM) 70'-75' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Medium grained sand; Trace fine gravel.	1.9 1.8	
75		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff to hard; Medium plasticity.	2.3	Hydrated bentonite #3 Sand
80	GW-82					3rd Temporary well set at 82'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-59

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/1/16 **COMPLETED** 8/4/16
GROUND ELEVATION 1805.923 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717217.92
LOGGED BY B. Shams/J. Thacker **CHECKED BY** J. Walker
EASTING 828347.051
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand.		
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Few gravel.		
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Few gravel.		
	SS-12.5	SP-SM		(SP-SM) 12'-15' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Few gravel.	0.8	Cement - 5% bentonite slurry
15	SS-15	SM		(SM) 15'-17' Light gray (7.5YR7/1); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Trace gravel (maximum 2").	0.5	
	SS-17.5	SM		(SM) 17'-20' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to rounded grains; Fine to medium grained sand; Trace clay.	0.0	
20	SS-20	SM		(SM) 20'-22' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Subrounded to rounded grains; Fine grained sand; Trace gravel (maximum 2").	0.0	
	SS-22.5	ML		(ML) 22'-30' Brown (7.5YR4/3); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand.	0.0	
25	SS-25				0.0	
	SS-27.5				0.0	Hydrated bentonite 1st Temporary well water level (27.85')
30				Below 29.5' - Caliche nodules.	0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:19 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			30'-35' **No Recovery.**		2nd Temporary well water level (29.9') #3 Sand
35	GW-35					1st Temporary well set at 35'
		CL		(CL) 35'-45' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Low plasticity; Few fine grained sand; Caliche nodules.	0.4	
40				Below 40' - Medium plasticity.	2.4	
					0.1	Cement - 5% bentonite slurry
45		ML		(ML) 45'-50' Strong brown (7.5YR5/6); **SILT**; Moist; Low to medium plasticity; Few fine grained sand.	0.1	
					0.4	
50		SM		Below 49.5' - Caliche nodules. (SM) 50'-55' Strong brown (7.5YR5/6); **SILTY SAND**; Wet; Subrounded to rounded grains; Fine to medium grained sand; Trace caliche gravel; Trace clay.	0.6	Hydrated bentonite
					0.8	#3 Sand
55		ML		(ML) 55'-60' Brown (7.5YR5/4); **SILT**; Moist; Firm; Low plasticity; Few fine grained sand.	0.3	3rd Temporary well water level (57.7')
	GW-58				0.6	2nd Temporary well set at 58'
60		CL		(CL) 60'-63' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity; Trace fine grained sand; Caliche nodules.	0.6	
		ML		(ML) 63'-70' Light brown (7.5YR6/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand; Caliche nodules.	0.8	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:19 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-59

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63'-70' Light brown (7.5YR6/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand; Caliche nodules. *(continued)*	0.9 0.9	Cement - 5% bentonite slurry
70		ML		(ML) 70'-71.5' Dark brown (7.5YR3/3); **GRAVELLY SILT**; Moist; Soft; Angular to subrounded grains; Few coarse grained sand.	0.7	
		CL		(CL) 71.5'-75' Brown (7.5YR5/4); **SANDY Lean CLAY**; Moist; Firm; Fine grained sand; Low plasticity. Below 73' - Caliche nodules.	0.2	
75		ML		(ML) 75'-77' Dark brown (7.5YR3/3); **GRAVELLY SILT**; Moist; Soft; Angular to subrounded grains; Few coarse grained sand.	0.2	Hydrated bentonite
		CL		(CL) 77'-82' Brown (7.5YR5/4); **Lean CLAY**; Dry; Stiff to very stiff; Low to medium plasticity; Trace fine grained sand; Caliche nodules.	0.2	#3 Sand
80	GW-82				0.1	3rd Temporary well set at 82'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:19 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-60

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/8/16 **COMPLETED** 8/12/16
GROUND ELEVATION 1805.614 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717351.282
LOGGED BY J. Bunkers **CHECKED BY** J. Walker
EASTING 828337.899
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-7.5	SM		(SM) 7.5'-8' Dark brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Dark brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SM		(SM) 12'-25' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	4.5	Cement - 5% bentonite slurry
15	SS-15				1.2	
	SS-17.5				0.9	
20	SS-20			Below 20' - Brown (7.5YR4/4).	0.8	
	SS-22.5				0.3	
25	SS-25			(ML) 25'-40' Pinkish gray (7.5YR7/2); **SILT**; Dry to moist; Soft; Medium plasticity; Trace angular to subangular gravel; Few fine grained sand.	0.3	
	SS-27.5	ML		Below 27' - Brown (7.5YR5/4).	0.1	Hydrated bentonite
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 25'-40' Pinkish gray (7.5YR7/2); **SILT**; Dry to moist; Soft; Medium plasticity; Trace angular to subangular gravel; Few fine grained sand. *(continued)*	0.0	1st Temporary well water level (30')
					0.0	#3 Sand
35	GW-35	ML		Below 35' - Strong brown (7.5YR5/6); Low to medium plasticity; Little fine grained sand.	0.0	2nd Temporary well water level (30.3')
					0.3	3rd Temporary well water level (32')
40						1st Temporary well set at 35'
		ML		(ML) 40'-45' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Soft; Angular to subangular grains; Medium plasticity; Few fine to medium grained sand.	0.3	
45					1.1	Cement - 5% bentonite slurry
		ML		(ML) 45'-50' Strong brown (7.5YR5/6); **SILT**; Moist; Low to medium plasticity; Trace fine grained sand.	2.2	
50					0.0	
		ML		(ML) 50'-55' Brown (7.5YR5/4); **SILT with SAND**; Moist; Angular to subangular grains; Fine to medium grained sand; Medium plasticity; Trace gravel.	0.1	Hydrated bentonite
55					0.0	#3 Sand
		ML		(ML) 55'-58.5' Brown (7.5YR5/4); **SANDY SILT**; Moist; Firm; Fine grained sand; Low to medium plasticity; Trace subangular to subrounded gravel.	0.0	2nd Temporary well set at 58.5'
	GW-58.5				0.0	
60		CL		(CL) 58.5'-62' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.2	
		CL		(CL) 62'-68' Brown (7.5YR5/6); **Lean CLAY with SAND**; Moist; Very stiff; Fine to medium grained sand; Trace gravel.	0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-60

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 62'-68' Brown (7.5YR5/6); **Lean CLAY with SAND**; Moist; Very stiff; Fine to medium grained sand; Trace gravel. *(continued)*	0.0	Cement - 5% bentonite slurry
					0.0	
		ML		(ML) 68'-71' Brown (7.5YR5/4); **SILT**; Moist; Soft; Trace fine to medium grained sand; Trace gravel.		
70					1.6	
		ML		(ML) 71'-71.5' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
		CL		(CL) 71.5'-74' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace fine grained sand.	0.0	
		SM		(SM) 74'-75' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		Hydrated bentonite
75		CL		(CL) 75'-77' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity.	0.5	
		SW		(SW) 77'-77.5' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Subangular to subrounded grains; Fine to medium grained sand.		#3 Sand
					0.0	
		CL		(CL) 77.5'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity.		
80						3rd Temporary well set at 82'
					0.0	
	GW-82				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-61

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/4/16 **COMPLETED** 8/30/16
GROUND ELEVATION 1805.463 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717305.007
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828345.472
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-2.5' **CONCRETE**.		
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.3	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Moist from hydrovac; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.4	
	SS-7.5	SM		(SM) 7.5'-8' Pinkish gray (7.5YR6/2); **SILTY SAND**; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.4	
10	SS-10	SM		(SM) 10'-10.5' Pinkish gray (7.5YR6/2); **SILTY SAND**; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.3	
	SS-12.5	SP-SM		(SP-SM) 12'-16' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subrounded to subangular grains; Fine to coarse grained sand.	0.6	Cement - 5% bentonite slurry
15	SS-15				0.0	
				16'-19' **No Recovery**.		
20	SS-20	SP-SM		(SP-SM) 19'-29' Pinkish gray (7.5YR7/2); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand.	2.4	
	SS-22.5				1.4	
25	SS-25			Below 25' - Light brown (7.5YR6/4).	0.5	Hydrated bentonite
	SS-27.5				0.5	
30		ML		(ML) 29'-35' Brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity; Trace gravel		#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30						
		ML		(ML) 29'-35' Brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity; Trace gravel. *(continued)*	0.3	2nd Temporary well water level (29.5')
				Below 33' - Caliche. Below 33.5' - No caliche.	0.0	1st Temporary well water level (30')
	GW-34					
35						1st Temporary well set at 34'
		ML		(ML) 35'-40' Brown (7.5YR4/3); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity; Few gravel.	0.6	
					0.0	
40						
		ML		(ML) 40'-50' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity; Trace subangular gravel; Trace fine grained sand.	0.0	
					0.0	Cement - 5% bentonite slurry
45					0.0	
					0.0	
50						
		ML		(ML) 50'-58' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine to medium grained sand; Trace gravel.	0.0	Hydrated bentonite
					0.0	3rd Temporary well water level (53')
55				Below 55' - Strong brown (7.5YR5/6); Trace clay; No gravel.	0.0	#3 Sand
	GW-58				0.0	2nd Temporary well set at 58'
60						
		ML		(ML) 58'-71' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Soft to firm; Subangular to subrounded grains; Medium plasticity; Few fine to coarse grained sand.	0.0	
					0.0	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-61

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 58'-71' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Soft to firm; Subangular to subrounded grains; Medium plasticity; Few fine to coarse grained sand. *(continued)* Below 65' - Brown (7.5YR4/4).	0.0 0.0	Cement - 5% bentonite slurry
70		SW-SM		(SW-SM) 71'-72' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Moist; Loose; Fine to coarse grained sand.	0.0	
		CL		(CL) 72'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity.	0.0	
75				Below 75' - Very stiff.	0.0	Hydrated bentonite
					0.0	#3 Sand
80	GW-82				0.0 0.0	3rd Temporary well set at 82'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-62

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/5/16 **COMPLETED** 8/10/16
GROUND ELEVATION 1805.428 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717258.987
LOGGED BY B. Shams/M. Hearn **CHECKED BY** J. Walker
EASTING 828352.646
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Light brownish (10YR6/2); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Light brownish (10YR6/2); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.3	
5	SS-5	SM		(SM) 5'-5.5' Light brownish gray (10YR6/2); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.1	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	1.2	
10	SS-10	SM		(SM) 10'-10.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.2	
	SS-12.5			(SM) 12'-18.5' Reddish brown (5YR4/3); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel.	3.2	Cement - 5% bentonite slurry
15	SS-15	SM			2.0	
	SS-17.5			Below 17' - Light gray (5YR7/1).	1.6	
				(ML) 18.5'-33' Reddish brown (5YR4/4); **SILT**; Moist; Soft; Few fine grained sand.		
20	SS-20				1.5	
	SS-22.5	ML			1.4	
25	SS-25				1.1	
	SS-27.5				0.7	Hydrated bentonite 1st Temporary well water level (28.9')
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 18.5'-33' Reddish brown (5YR4/4); **SILT**; Moist; Soft; Few fine grained sand. *(continued)*	0.2	2nd Temporary well water level (29.4') #3 Sand
		SM		(SM) 33'-34' Brown (7.5YR4/3); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Caliche nodules.	0.7	
35	GW-35	ML		(ML) 34'-35' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Fine grained sand; Trace clay.	0.0	1st Temporary well set at 35'
		ML		(ML) 35'-37' Brown (7.5YR5/5); **SANDY SILT**; Moist to wet; Firm; Subangular to subrounded grains; Fine to medium grained sand.		
		ML		(ML) 37'-40' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Fine grained sand; Low plasticity.	0.0	
40		ML		(ML) 40'-55' Brown (7.5YR5/4); **SILT**; Moist to wet; Stiff; Trace fine grained sand; Caliche nodules.	0.0	
					0.0	Cement - 5% bentonite slurry
45					0.0	
					0.0	
50					0.0	Hydrated bentonite
					0.0	#3 Sand
55				55'-61' **No Recovery.**	0.0	3rd Temporary well water level (55')
	GW-58.5					2nd Temporary well set at 58.5'
60		CL		(CL) 61'-66' Brown (7.5YR5/5); **Lean CLAY**; Moist; Firm; Low to medium plasticity; Trace fine grained sand; Caliche nodules.	0.4	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-62

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 61'-66' Brown (7.5YR5/5); **Lean CLAY**; Moist; Firm; Low to medium plasticity; Trace fine grained sand; Caliche nodules. *(continued)*	0.3	Cement - 5% bentonite slurry
		ML		(ML) 66'-70' Brown (7.5YR5/5); **SILT**; Moist; Firm; Few fine grained sand.	0.0	
70		SW-SM		(SW-SM) 70'-73' Strong brown (7.5YR4/6); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
		CL		(CL) 73'-82' Brown (7.5YR4/3); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace fine grained sand.	0.0	
75					0.0	Hydrated bentonite
					0.0	#3 Sand
80						3rd Temporary well set at 82'
	GW-82				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-63

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/25/16 **COMPLETED** 11/1/16
GROUND ELEVATION 1805.678 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 12"
DRILLING METHOD Sonic Drilling
NORTHING 26717328.932
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828207.091
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
		SM		(SM) 1.5'-2' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular grains; Fine to coarse grained sand; Few gravel.		
5		SM		(SM) 5'-5.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 7.5'-8' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
10		SM		(SM) 10'-10.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		ML		(ML) 12'-16' Brown (7.5YR4/3); **SANDY SILT with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Weakly cemented.	0.4	Cement - 5% bentonite slurry
15				Below 15' - Light Gray (7.5YR7/1).	0.2	
		ML		(ML) 16'-24' Light brown (7.5YR6/4); **SILT with SAND**; Dry; Soft; Subangular grains; Fine to medium grained sand; Trace gravel; Weakly cemented.	0.4	
20					0.2	
					0.2	
25		ML		(ML) 24'-33' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Trace clay.	0.0	Hydrated bentonite
				Below 28' - Wet; Firm.	0.2	#3 Sand
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:04 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 24'-33' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Trace clay. *(continued)* Below 30' - Caliche nodules; Trace fine grained sand.	0.1	1st Temporary well water level (30')
	GW-33			33'-34' **No Recovery**.	0.2	1st Temporary well set at 33'
35		ML		(ML) 34'-40' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace subangular caliche; Trace fine grained sand.	0.3	
					0.0	
40	SS-40	ML		(ML) 40'-42.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Stiff; Subangular grains; Moderately cemented; Low plasticity; Trace fine grained sand.	0.0	Cement - 5% bentonite slurry
				(ML) 42.5'-57.5' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace subangular caliche; Trace fine grained sand.	0.0	
45					0.0	3rd Temporary well water level (46.8')
					0.0	2nd Temporary well water level (49') Hydrated bentonite
50	SS-50				0.0	
					0.0	#3 Sand
55				Below 55' - Medium plasticity; No gravel.	0.1	2nd Temporary well set at 57.5'
	GW-57.5	ML		(ML) 57.5'-59' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine to medium grained sand; Strongly cemented; Medium plasticity; Trace angular gravel.	0.0	
60	SS-60	ML		(ML) 59'-61' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity.	0.0	
		ML		(ML) 61'-65' Light brown (7.5YR6/3); **SILT with SAND**; Wet; Soft; Angular grains; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0.0	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		ML		(ML) 65'-67' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity.	0.0	Cement - 5% bentonite slurry
		SM		(SM) 67'-67.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose to medium dense; Fine grained sand; Low plasticity; Weakly cemented.	0.1	
		ML		(ML) 67.5'-70' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Trace caliche gravel.		
70	SS-70	SM		(SM) 70'-72.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Low plasticity; Weakly cemented.	0.0	
	SS-72.5	ML		(ML) 72.5'-75' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity.	0.0	
75		CL		(CL) 75'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.		Hydrated bentonite #3 Sand
80	SS-80				0.0	3rd Temporary well set at 82'
	GW-82				0.0	
85					0.0	
					0.3	Cement - 5% bentonite slurry
90	SS-90	ML		(ML) 90'-94' Brown (7.5YR5/4); **SILT with SAND**; Wet; Loose; Angular grains; Fine to coarse grained sand; Low plasticity; Moderately cemented; Few gravel; Sand and gravel composed of caliche.	0.0	
					0.0	
95		CL		(CL) 94'-102' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace subangular gravel.	0.1	Hydrated bentonite #3 Sand
					0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 94'-102' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace subangular gravel. *(continued)*	0.0	4th Temporary well water level (98.2')
	GW-102					4th Temporary well set at 102'
		ML		(ML) 102'-107.5' Light brown (7.5YR6/4) to brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Trace angular caliche gravel.	0.0	
105					0.0	
		CL		(CL) 107.5'-112' Pink (7.5YR7/4); **Lean CLAY with GRAVEL**; Wet; Firm; Subangular gravel; Medium plasticity; Caliche nodules.	0.0	Cement - 5% bentonite slurry
110	SS-110				0.0	
		ML		(ML) 112'-122' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace subangular caliche gravel.	0.0	
115					0.1	Hydrated bentonite
					0.0	#3 Sand
120	SS-120				0.0	5th Temporary well water level (120')
	GW-122					5th Temporary well set at 122'
		CL		(CL) 122'-159' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Medium plasticity.		
125					0.0	
					0.0	Cement - 5% bentonite slurry
130	SS-130				0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:04 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-63

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				Below 132.5' - Angular caliche nodules. (CL) 122'-159' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Medium plasticity. *(continued)*	0.0	6th Temporary well water level (134') Hydrated bentonite
135					0.1	
					0.0	#3 Sand
140	SS-140				0.0	6th Temporary well set at 142'
	GW-142					
145		CL			0.0	
					0.0	
150	SS-150				0.0	
					0.0	
155					0.0	
					0.0	
160	SS-160			(ML) 159'-176' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Medium plasticity.	0.0	
		ML		Below 162.5' - Trace caliche gravel.	0.1	Cement - 5% bentonite slurry
165				Below 165' - Very stiff; Low plasticity; No caliche.	0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:04 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(ML) 159'-176' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Medium plasticity. *(continued)*	0.2	
170	SS-170			Below 170' - Firm; Medium plasticity.	0.0	
		ML		Below 172.5' - Very stiff; Trace caliche gravel.	0.0	
175					0.0	
		ML		(ML) 176'-177' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Stiff; Angular caliche gravel; Low plasticity; Trace fine to coarse grained caliche sand.		
				(ML) 177'-195' Brown (7.5YR5/4); **SILT**; Wet; Very stiff; Medium plasticity; Trace caliche gravel.	0.0	
180	SS-180				0.0	
					0.2	
185					0.2	Hydrated bentonite
		ML				#3 Sand
					0.0	7th Temporary well water level (190')
190	SS-190					
	GW-192					7th Temporary well set at 192'
					0.0	
195				(ML) 195'-212' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Angular grains; Low to medium plasticity; Trace fine to coarse grained sand.	0.1	
		ML			0.0	
200	SS-200				0.0	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:04 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
		ML		(ML) 195'-212' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Angular grains; Low to medium plasticity; Trace fine to coarse grained sand. *(continued)*	0.1	
205					1.2	
					0.1	
210	SS-210				0.2	
		CL		(CL) 212'-215' **Lean CLAY with GRAVEL**; Wet; Firm; Angular grains; Medium plasticity; Trace fine to coarse grained sand.	0.1	Cement - 5% bentonite slurry
215		ML		(ML) 215'-220' Brown (7.5YR4/4); **SILT**; Wet; Firm; Medium plasticity; Trace gravel.	0.4	
					0.4	
220	SS-220					8th Temporary well water level (219')
		ML		(ML) 220'-237' Brown (7.5YR4/4); **SILT with GRAVEL**; Wet; Stiff; Medium plasticity; Few fine to coarse grained sand; Moderately cemented.	0.4	
					0.4	
225					0.6	
					0.2	
230	SS-230			Below 229' - Strongly cemented.	0.7	
				Below 231' - Moderately cemented.	0.8	
235					0.4	Hydrated bentonite

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:04 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-63

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
		ML				#3 Sand
				(ML) 237'-242' Brown (7.5YR4/7); **SILT**; Wet; Firm; Medium plasticity; Few weakly cemented gravel.	0.4	
240	SS-240	ML			0.3 0.4	8th Temporary well set at 242'
	GW-242					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 15:04 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-64

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/11/16 **COMPLETED** 11/15/16
GROUND ELEVATION 1805.581 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 12"
DRILLING METHOD Sonic Drilling
NORTHING 26717349.183
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828321.057
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
		SW		(SW) 1'-1.5' Dark brown (7.5YR3/3); **Well Graded SAND**; Dry; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		SW		(SW) 2.5'-3' Brown (7.5YR5/3); **Well Graded SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
5		SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND**; Dry; Loose; Subrounded grains; Fine to medium grained sand; Few gravel.		
		SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND**; Dry; Loose; Subrounded grains; Fine to medium grained sand; Few gravel.		
10		SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 12'-19' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular grains; Fine to coarse grained sand.	0.2	Cement - 5% bentonite slurry
15				Below 17.5' - Pinkish white (7.5YR8/2).	0.2	
		ML		(ML) 19'-22.5' Brown (7.5YR5/4); **SILT with SAND**; Dry; Soft; Rounded grains; Fine grained sand.	0.3	
20					0.2	
		ML		(ML) 22.5'-45' Strong brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity.	0.3	
25					0.1	Hydrated bentonite
				Below 28' - Wet.		
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 22.5'-45' Strong brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity. *(continued)*	0.3	#3 Sand
					0.0	1st Temporary well water level (30.1')
						1st Temporary well set at 35'
35	GW-35				0.3	
		ML			0.0	
40	SS-40				0.0	
				Below 42.5' - Trace caliche gravel.	0.1	Cement - 5% bentonite slurry
45				(GM) 45'-52.5' Strong brown (7.5YR5/6); **SILTY GRAVEL**; Wet, Loose; Angular to subangular grains; Few fine to coarse grained sand.	0.3	
		GM			0.6	
50	SS-50				0.7	Hydrated bentonite
		CL		(CL) 52.5'-55' Strong brown (7.5YR5/6); **Lean CLAY with SAND**; Wet; Firm; Fine to coarse grained caliche sand; Trace caliche gravel.	0.9	#3 Sand
55		ML		(ML) 55'-58.5' Strong brown (7.5YR5/6); **SILT**; Wet; Stiff; No plasticity.	0.3	2nd Temporary well water level (55')
	GW-58.5				0.1	2nd Temporary well set at 58.5'
60	SS-60	CL		(CL) 58.5'-62.5' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity.	0.0	
		ML		(ML) 62.5'-65' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Subangular grains; Fine to coarse grained caliche sand; Low plasticity; Trace caliche gravel; Trace clay.	0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-64

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		ML		(ML) 65'-70' Brown (7.5YR4/3); **SILT**; Wet; Stiff; Medium plasticity; Trace fine grained sand.	0.1 0.2	Cement - 5% bentonite slurry
70	SS-70	SM		(SM) 70'-76' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Rounded to subrounded grains; Fine to medium grained sand.	0.1 0.1	3rd Temporary well water level (72') Hydrated bentonite
75		CL		(CL) 76'-85' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.		#3 Sand
80	SS-80				0.2	3rd Temporary well set at 82'
	GW-82				0.2	
85		ML		(ML) 85'-95' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity.	0.3 0.1	Cement - 5% bentonite slurry
90	SS-90				0.1	
				Below 92.5' - Trace caliche gravel.	0.2	4th Temporary well water level (92') Hydrated bentonite
95		CL		(CL) 95'-100' Brown (7.5YR5/4); **Lean CLAY**; Wet; Soft to firm; Medium plasticity.	0.0 0.0	#3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-64

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 95'-100' Brown (7.5YR5/4); **Lean CLAY**; Wet; Soft to firm; Medium plasticity. *(continued)*		4th Temporary well set at 102'
		ML		(ML) 100'-102' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace caliche gravel.	0.1	
	GW-102	ML		(ML) 102'-104' Brown (7.5YR5/4); **SILT with GRAVEL**; Moderately cemented; Wet; Stiff; Low plasticity; Few fine to coarse grained sand; Sand and gravel are caliche.	0.1	
105		CL		(CL) 104'-113' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Medium plasticity; Trace gravel.	0.3	
					0.2	Cement - 5% bentonite slurry
110	SS-110				0.1	
					0.0	
115		ML		(ML) 113'-122' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Angular to subangular grains; Low plasticity; Trace fine to medium grained sand; Sand and gravel are caliche.	0.0	Hydrated bentonite
					0.1	#3 Sand
120	SS-120				0.3	5th Temporary well water level (118.5')
	GW-122					5th Temporary well set at 122'
		ML		(ML) 122'-142' Strong brown (7.5YR5/6); **SILT**; Wet; Stiff; Medium plasticity; Trace gravel.	0.1	
125					0.7	
					2.2	Cement - 5% bentonite slurry
130	SS-130				2.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-64

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		ML		(ML) 122'-142' Strong brown (7.5YR5/6); **SILT**; Wet; Stiff; Medium plasticity; Trace gravel. *(continued)*	1.4 0.9 1.3	Hydrated bentonite #3 Sand 6th Temporary well water level (141.5')
140	SS-140				0.8	6th Temporary well set at 142'
	GW-142				1.3	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-65

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/3/16 **COMPLETED** 11/9/16
GROUND ELEVATION 1805.466 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717226.108
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828223.786
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
		SP-SM		(SP-SM) 1'-1.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
		SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
5		SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
		SM		(SM) 7.5'-8' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
10		SM		(SM) 10'-10.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
		SM		(SM) 12'-15' White (7.5YR8/1); **SILTY SAND with GRAVEL**; Weakly cemented; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.2	Cement - 5% bentonite slurry
15				15'-17' **No Recovery.**	0.4	
		ML		(ML) 17'-20' Light brown (7.5YR6/4); **SILT with SAND**; Dry; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace clay.	0.3	
20		ML		(ML) 20'-22.5' Brown (7.5YR5/4); **SILT**; Dry; Soft; No plasticity; Few fine grained sand.	0.2	
		SM		(SM) 22.5'-26' Brown (7.5YR5/4); **SILTY SAND**; Weakly cemented; Dry; Subangular grains; Fine grained sand; Trace subangular gravel.	0.3	
25	SS-25				0.3	Hydrated bentonite 1st Temporary well water level (29') #3 Sand
		ML		(ML) 26'-33' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity.	0.2	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 26'-33' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity. *(continued)* Below 30' - Trace caliche gravel; Trace fine to coarse grained caliche sand.	0.2	1st Temporary well set at 33'
	GW-33			(ML) 33'-52' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace angular gravel; Trace fine to medium grained sand.	0.2	
35					0.2	
				Below 37.5' - Medium plasticity.	0.3	
40	SS-40				0.3	Cement - 5% bentonite slurry
		ML			0.3	
45					0.2	
					0.2	2nd Temporary well water level (49.3')
50	SS-50				0.3	Hydrated bentonite
		ML		(ML) 52'-55' Brown (7.5YR5/4); **SILT with GRAVEL**; Weakly cemented; Wet; Stiff; Caliche gravel; Trace caliche sand.	0.2	#3 Sand
55						3rd Temporary well water level (54.5')
				(ML) 55'-65' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace fine to medium grained sand; Trace angular gravel.	0.2	2nd Temporary well set at 57.5'
	GW-57.5			Below 57.5' - Medium plasticity.	0.2	
60	SS-60	ML			0.2	
					0.2	

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TETRA TECH, INC.

BORING NUMBER U4U5-65

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
	SS-66	SM		(SM) 65'-69' Brown (7.5YR4/3); **SILTY SAND**; Weakly cemented; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace gravel.	0.2 0.2	Cement - 5% bentonite slurry
70	SS-70	ML		(ML) 69'-75' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Trace gravel.	0.2 0.2	
75		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.	0.1 0.2	Hydrated bentonite #3 Sand
80	SS-80				0.3	3rd Temporary well set at 82'
	GW-82	CL		(CL) 82'-92' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Weakly cemented; Wet; Very stiff; Caliche gravel; Trace fine to coarse grained caliche sand.	0.0 0.0	
85					0.1	Cement - 5% bentonite slurry
90	SS-90				0.0	
		ML		(ML) 92'-94' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Angular to subangular grains; Fine to coarse grained sand; Low plasticity; Trace gravel.	0.1	
95		CL		(CL) 94'-132' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity.	0.1 0.1	Hydrated bentonite #3 Sand

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-65

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100			(CL) 94'-132' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity. *(continued)*		
				Below 100' - Firm.	0.1	
				Below 102' - Very stiff; Trace angular caliche gravel.		4th Temporary well water level (101.5')
	GW-103				0.0	4th Temporary well set at 103'
105					0.6	
					0.3	Cement - 5% bentonite slurry
110	SS-110				0.2	
					0.0	
115		CL			0.0	Hydrated bentonite
				Below 117.5' - No caliche gravel.	0.0	#3 Sand
120	SS-120				0.0	5th Temporary well water level (121')
	GW-122			Below 122' - Low plasticity.		5th Temporary well set at 122'
125					0.1	
					0.3	
					0.2	Cement - 5% bentonite slurry
130	SS-130				0.1	
		CL				

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-65

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(CL) 132'-137.5' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Wet; Soft to firm; Caliche gravel; Trace fine to medium caliche sand. *(continued)*	0.2	
135		CL			0.2	Hydrated bentonite
						#3 Sand
				(CL) 137.5'-142' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity.	0.1	
140	SS-140	CL			0.0	6th Temporary well water level (141.2')
	GW-142				0.0	6th Temporary well set at 142'

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-66

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/19/16 **COMPLETED** 10/26/16
GROUND ELEVATION 1805.629 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717244.769
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828337.58
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
		SW		(SW) 1.5'-2' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
		SW		(SW) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
5		SP		(SP) 5'-5.5' Brown (7.5YR4/3); **Poorly Graded SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.		
		SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.		
10		SM		(SM) 10'-10.5' Dark brown (7.5YR3/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.		Cement - 5% bentonite slurry
		SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand. Below 13' - White (10YR8/1); Loose to medium dense; Angular to subrounded grains. Below 14' - Light gray (10YR7/2).	0.1	
15		SM		(SM) 15'-18.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1 0.0	
		ML		(ML) 18.5'-24' Dark yellowish brown (10YR4/4); **SILT with SAND**; Moist; Soft; Subrounded to rounded grains; Fine grained sand.	0.0 0.0	Hydrated bentonite
20		ML		(ML) 24'-52' Dark yellowish brown (10YR4/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand. Below 25' - Wet.	0.0 0.0	#3 Sand
25						1st Temporary well water
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30 GW-30			(ML) 24'-52' Dark yellowish brown (10YR4/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand. *(continued)*	0.0	level (28.7') 2nd Temporary well water level (28.8')
					0.0	1st Temporary well set at 30'
35					0.1	Cement - 5% bentonite slurry
					0.1	3rd Temporary well water level (38.5')
40	SS-40	ML			0.2	
					0.0	
45					0.0	
					0.1	Hydrated bentonite
50	SS-50				0.1	#3 Sand
		ML		(ML) 52'-56' Dark yellowish brown (10YR4/4); **SILT with SAND**; Moist; Soft; Subrounded to rounded grains; Fine to coarse grained sand; Few gravel.	0.1	2nd Temporary well set at 56'
55					0.1	
	GW-56	ML		(ML) 56'-59' Dark yellowish brown (10YR4/4); **SILT with GRAVEL**; Wet; Soft; Subangular to subrounded caliche gravel.	0.3	
60				59'-62.5' **No Recovery.**		
	SS-62.5	SM		(SM) 62.5'-74' Dark yellowish brown (10YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded to subrounded grains; Fine to medium grained sand; Trace clay.	0.1	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(SM) 62.5'-74' Dark yellowish brown (10YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded to subrounded grains; Fine to medium grained sand; Trace clay. *(continued)*	0.0	Cement - 5% bentonite slurry
					0.0	
		SM				
70	SS-70				0.0	
				Below 72' - Few subangular to subrounded gravel.	0.0	
		SP-SM		(SP-SM) 74'-75' Dark yellowish brown (10YR4/4); **Poorly Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Coarse grained sand; Few gravel.		Hydrated bentonite
75	SS-75				0.0	
				(CL) 75'-82' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Stiff to very stiff; Medium plasticity.		#3 Sand
		CL			0.0	
80	SS-80				0.0	3rd Temporary well set at 82'
	GW-82			82'-86' **No Recovery.**	0.1	
85					0.0	
		ML		(ML) 86'-87' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft to firm; Low plasticity.		
				(CL) 87'-98' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity.	0.2	Cement - 5% bentonite slurry
90	SS-90				0.0	
		CL		Below 92.5' - Trace subangular caliche nodules. Below 93' - Firm; No caliche.	0.0	
95					0.0	Hydrated bentonite
						#3 Sand
		CL			0.1	

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BORING NUMBER U4U5-66

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 98'-101' Dark yellowish brown (10YR4/4); **Lean CLAY with GRAVEL**; Wet; Firm; Subangular caliche gravel; Low plasticity; Trace fine to coarse grained sand. *(continued)*	0.1	4th Temporary well water level (98')
	GW-102	CL		(CL) 101'-103.5' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.1	4th Temporary well set at 102'
105	SS-105	SM		(SM) 103.5'-105' Dark yellowish brown (10YR4/4); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity; Trace gravel; Trace clay.	0.2	
		CL		(CL) 105'-110' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Stiff to very stiff; Low plasticity.	0.1	5th Temporary well water level (106')
110	SS-110			Below 108.5' - Trace subangular caliche gravel; Trace fine grained sand.	0.2	Cement - 5% bentonite slurry
		ML		(ML) 110'-125' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace subangular to subrounded caliche gravel; Trace fine grained sand.	0.2	
115				Below 114' - Firm; No caliche.	0.2	Hydrated bentonite
					0.2	#3 Sand
120	SS-120				0.1	5th Temporary well set at 122'
	GW-122				0.0	
125		CL		(CL) 125'-130' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity.	0.0	
					0.2	Cement - 5% bentonite slurry
130	SS-130	ML		(ML) 130'-139' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft; Low plasticity.	0.0	6th Temporary well water level (130')

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TETRA TECH, INC.

BORING NUMBER U4U5-66

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(ML) 130'-139' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft; Low plasticity. *(continued)*	0.0	
135		ML			0.0	Hydrated bentonite
					0.0	#3 Sand
140	SS-140	CL		(CL) 139'-142' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity.	0.0	6th Temporary well set at 142'
	GW-142				0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:22 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-67

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 12/6/16 **COMPLETED** 12/8/16
GROUND ELEVATION 1812.949 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717609.294
LOGGED BY J. Souza/E.Peirce **CHECKED BY** J. Walker
EASTING 828747.605
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Dry; Very loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.3	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Dry; Very loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.	1.8	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/4); **Well Graded SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	1.0	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	1.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Moist from hydrovac; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	5.6	
	SS-12.5	SM		(SM) 12'-25' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular grains; Fine to coarse grained sand.	0.0	
15	SS-15				0.1	
	SS-17.5				0.0	Cement - 5% bentonite slurry
20	SS-20				0.0	
	SS-22.5				0.2	
25	SS-25			(SM) 25'-35' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand.	0.4	
	SS-27.5	SM			0.3	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(SM) 25'-35' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand. *(continued)*	0.2	
	SS-32.5	SM			0.0	
35	SS-35			(ML) 35'-48' Brown (7.5YR5/4); **SILT with SAND**; Moist; Stiff; Fine grained sand.	0.3	
	SS-37.5			Below 38' - Wet.	0.2	Hydrated bentonite
40	SS-40				0.3	#3 Sand
		ML			0.1	1st Temporary well water level (40.8') 2nd Temporary well water level (41.7')
45	GW-45				0.7	3rd Temporary well water level (43.5')
	SS-48	SM		(SM) 48'-48.5' Dark brown (7.5YR3/4); **SILTY SAND**; Wet; Subangular to angular grains; Fine to coarse grained sand.	0.1	1st Temporary well set at 45'
50	SS-50			(ML) 48.5'-55' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sand.	0.2	
		ML			0.2	Cement - 5% bentonite slurry
55				(ML) 55'-68' Brown (7.5YR5/4); **SILT with SAND**; Wet; Very stiff; Fine grained sand; Low to no plasticity.	0.1	
					0.5	
60	SS-60	ML			0.8	Hydrated bentonite
					0.0	#3 Sand

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BORING NUMBER U4U5-67

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 55'-68' Brown (7.5YR5/4); **SILT with SAND**; Wet; Very stiff; Fine grained sand; Low to no plasticity. *(continued)*	0.7	2nd Temporary well set at 67.5'
	GW-67.5				0.1	
70	SS-70			(ML) 68'-81' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Few fine grained sand.	0.1	
					0.2	
75		ML			0.6	Cement - 5% bentonite slurry
					0.2	
80	SS-80				0.3	
		ML		(ML) 81'-84' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff, No plasticity.	0.2	Hydrated bentonite
85		ML		(ML) 84'-90' Brown (7.5YR5/4); **SILT**; Wet; Very stiff; Low plasticity; Few fine grained sand.	0.3	#3 Sand
					0.2	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-68

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 12/13/16 **COMPLETED** 12/19/16
GROUND ELEVATION 1812.589 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717382.929
LOGGED BY J. Souza/W. Green **CHECKED BY** J. Walker
EASTING 828830.284
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW		(SW) 1'-1.5' Strong brown (7.5YR5/6); **Well Graded SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel; Trace silt.	0.1	
	SS-2.5	SW		(SW) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few silt; Trace gravel.	0.2	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/4); **Well Graded SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	0.1	
	SS-7.5	SW		(SW) 7.5'-8' Strong brown (7.5YR5/6); **Well Graded SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Few silt.	0.1	
10	SS-10	SW		(SW) 10'-10.5' Light brown (7.5YR6/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SW-SM		(SW-SM) 12'-25' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.1	
15	SS-15				0.0	
	SS-17.5				0.1	Cement - 5% bentonite slurry
20	SS-20				0.1	
	SS-22.5				0.0	
25	SS-25				0.0	
	SS-27.5	SW		(SW) 25'-36' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.0	
30						

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW		(SW) 25'-36' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace silt. *(continued)*	0.1	
	SS-32.5				0.1	
35	SS-35				1.4	
	SS-37.5	ML		(ML) 36'-40' Brown (7.5YR4/4); **SANDY SILT**; Dry; Soft; Rounded grains; Fine grained sand; Trace gravel.	0.0	Hydrated bentonite
40	SS-40	SM		(SM) 40'-45' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Caliche gravel.	0.0	1st Temporary well water level (38')
					0.2	#3 Sand
45	GW-45	ML		(ML) 45'-51' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.0	1st Temporary well set at 45'
					0.2	
50	SS-50				0.0	
		ML		(ML) 51'-55' Brown (7.5YR4/4); **SILT with GRAVEL**; Wet; Firm; Subangular grains; Trace fine grained sand.	0.0	Cement - 5% bentonite slurry
55		CL		(CL) 55'-60' Light brown (7.5YR6/4); **Lean CLAY with GRAVEL**; Wet; Soft; Subangular to subrounded grains; Low plasticity; Caliche gravel; Trace fine to coarse grained sand.	0.0	
					0.2	2nd Temporary well water level (57')
60	SS-60	ML		(ML) 60'-72.5' Light brown (7.5YR6/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.0	Hydrated bentonite
					0.2	#3 Sand

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 60'-72.5' Light brown (7.5YR6/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	0.0	4th Temporary well water level (64.3')
	GW-67.5					3rd Temporary well water level (65.3')
		ML		Below 67.5' - Trace caliche nodules.	0.0	
				Below 69' - No caliche nodules.		2nd Temporary well set at 67.5'
70	SS-70				0.2	
		SM		(SM) 72.5'-73.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; Some low plasticity clay.	0.1	
		CL		(CL) 73.5'-75' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.		Cement - 5% bentonite slurry
75				(SC) 75'-80' Brown (7.5YR4/4); **CLAYEY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; Low plasticity.	0.1	
		SC			0.2	
80	SS-80					
		CL		(CL) 80'-82.5' Brown (7.5YR4/4); **SANDY Lean CLAY**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.	0.2	
				(CL) 82.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.3	Hydrated bentonite
85					0.2	#3 Sand 5th Temporary well water level (85.5')
				Below 88' - Stiff.	0.2	
90	SS-90 GW-90	CL			0.2	3rd Temporary well set at 90'
					0.0	
95					0.0	Cement - 5% bentonite slurry
				Below 97.5' - Very soft; No plasticity.	0.1	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 82.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	0.1	6th Temporary well water level (98.3')
					0.1	Hydrated bentonite
105				Below 105' - Stiff; Low plasticity.	0.0	#3 Sand
				(CL) 107.5'-120' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Stiff; Rounded grains; Fine grained sand; Low plasticity.	0.0	4th Temporary well set at 110'
110	SS-110 GW-110				0.0	
					0.2	
115		CL			0.3	Cement - 5% bentonite slurry
					0.2	
120	SS-120					
				(ML) 120'-127' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
		ML		Below 122' - Brown (7.5YR4/4); Rounded grains; Fine grained sand.	0.0	Hydrated bentonite
125					0.0	#3 Sand
		CL		(CL) 127'-130' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Very stiff; Rounded grains; Fine grained sand; Medium plasticity.	0.0	5th Temporary well set at 130'
130	SS-130 GW-130					
		CL		(CL) 130'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace fine grained sand.	0.0	

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TETRA TECH, INC.

BORING NUMBER U4U5-68

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135				(CL) 130'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace fine grained sand. *(continued)*	1.1	
					1.0	Cement - 5% bentonite slurry
					1.2	
140	SS-140				0.7	
		CL			1.1	Hydrated bentonite
145					1.0	#3 Sand
					1.2	6th Temporary well set at 150'
150	SS-150 GW-150				1.4	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-69

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/9/16 **COMPLETED** 11/28/16
GROUND ELEVATION 1813.146 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717160.221
LOGGED BY J. Berjikian/E. Peirce **CHECKED BY** J. Walker
EASTING 828085.32
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.0	
15	SS-15			15'-17.5' **No Recovery.**	0.3	Cement - 5% bentonite slurry
	SS-17.5	SM		(SM) 17.5'-20' Light gray (7.5YR7/1); **SILTY SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand.	0.3	
20	SS-20			(SM) 20'-25' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Fine grained sand; Trace subrounded gravel.	0.2	
	SS-22.5	SM			0.2	
25	SS-25			25'-34' **No Recovery.**	0.0	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				25'-34' **No Recovery.** *(continued)*		Hydrated bentonite
35	SS-35	ML		(ML) 34'-90' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Low plasticity.	0.1	#3 Sand 1st Temporary well water level (35.2')
					0.1	2nd Temporary well water level (36.8')
40	GW-40				0.2	3rd Temporary well water level (38')
					0.0	1st Temporary well set at 40'
45					0.0	
					0.0	Cement - 5% bentonite slurry
50	SS-50				0.0	
					0.0	
55				Below 55' - Caliche nodules. Below 55.5' - No caliche nodules.	0.0	
					0.0	Hydrated bentonite
60	SS-60				0.0	#3 Sand
					0.0	2nd Temporary well set at 65'

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-69

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65			(ML) 34'-90' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Low plasticity. *(continued)*	0.0	
				Below 67.5' - Low to medium plasticity; Caliche nodules; Trace fine grained sand.	0.0	
70	SS-70			Below 70' - No caliche nodules.	0.0	
					0.0	Cement - 5% bentonite slurry
75		ML			0.0	
					0.0	
80	SS-80			Below 80' - Medium plasticity.	0.0	
					0.0	Hydrated bentonite
85					0.0	#3 Sand
					0.0	3rd Temporary well set at 90'
90	SS-90 GW-90			Below 89' - Low to no plasticity.	0.0	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-70

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/10/16 **COMPLETED** 12/5/16
GROUND ELEVATION 1813.71 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717049.513
LOGGED BY E. Peirce **CHECKED BY** J. Walker
EASTING 828298.995
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular grains; Fine to coarse grained sand.	0.2	
15	SS-15			(ML) 15'-20' Brown (7.5YR4/4); **SANDY SILT**; Moist; Fine to medium grained sand; Low to no plasticity; Trace gravel.	0.1	Cement - 5% bentonite slurry
	SS-17.5	ML			0.0	
20	SS-20	ML		(ML) 20'-21' Brown (7.5YR4/4); **SILT with SAND**; Moist; Fine to medium grained sand; Low to no plasticity.	0.1	
	SS-22.5			(ML) 21'-64' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Few fine grained sand.	0.0	
25	SS-25	ML			0.0	
	SS-27.5			Below 27.5' - Trace fine grained sand.	0.1	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 21'-64' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Few fine grained sand. *(continued)*	0.1	Hydrated bentonite
	SS-32.5			Below 32.5' - Wet; No sand.	0.0	1st Temporary well water level (32.2') #3 Sand
35				Below 35' - Caliche nodules.	0.1	1st Temporary well set at 38'
	GW-38				0.0	
40	SS-40			Below 40' - Stiff; Trace fine grained sand.	0.0	
					0.0	
45					0.1	2nd Temporary well water level (44.15')
		ML		Below 46' - No sand.	0.1	Cement - 5% bentonite slurry
				Below 48' - Caliche nodules.	0.0	
50	SS-50			Below 50' - No caliche.	0.1	
					0.1	
55				Below 54' - Caliche nodules.	0.0	
				Below 56' - No caliche.	0.2	Hydrated bentonite
					0.1	
60	SS-60				0.0	3rd Temporary well water level (59.3') #3 Sand
					0.1	2nd Temporary well set at 65'
	SS-64					

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-70

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	SM		(SM) 64'-65' Strong brown (7.5YR4/6); **SILTY SAND**; Wet; Dense; Subangular grains; Fine to medium grained sand. *(continued)*	0.0	
		SM		(ML) 65'-70' Brown (7.5YR4/4); **SILT**; Wet; Stiff; Low plasticity.	0.0	
		ML			0.2	
70	SS-70					
		ML		(ML) 70'-72' Brown (7.5YR4/4); **SILT with SAND**; Wet; Stiff; Fine to medium grained sand; No plasticity.	0.1	
		ML		(ML) 72'-76' Brown (7.5YR4/4); **SILT**; Wet; Stiff; Low plasticity.	0.1	Cement - 5% bentonite slurry
75					0.0	
		CL		(CL) 76'-93.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity.	0.1	
					0.0	4th Temporary well water level (78.6')
80	SS-80			Below 80' - Caliche nodules.	0.1	
				Below 82' - No caliche.	0.0	Hydrated bentonite
85		CL			0.1	#3 Sand
					0.0	
					0.0	3rd Temporary well set at 90'
90	SS-90 GW-90			Below 90' - Small caliche nodules.	0.1	
					0.1	
		SM		(SM) 93.5'-95' Light brown (7.5YR6/4); **SILTY SAND**; Wet; Dense; Subangular grains; Fine grained sand.	0.0	
95	SS-95					
		CL		(CL) 95'-124' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity.	0.0	Cement - 5% bentonite slurry
					0.2	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100			(CL) 95'-124' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity. *(continued)*	0.1	
					0.1	Hydrated bentonite
				Below 102.5' - Caliche nodules.		
				Below 104' - No caliche.	0.3	
105						#3 Sand
					0.0	
					0.0	4th Temporary well set at 110'
110	SS-110 GW-110				0.1	
		CL		Below 111' - Caliche nodules. Below 111.5' - No caliche.	0.0	5th Temporary well water level (112.8')
115					0.3	
				Below 116' - Low to no plasticity.	0.2	Cement - 5% bentonite slurry
					0.0	
120	SS-120				0.1	
					0.2	Hydrated bentonite
125	SS-125			(ML) 124'-132' Pinkish gray (7.5YR6/2); **SANDY SILT**; Wet; Soft; Fine grained sand; No plasticity.	0.1	
					0.1	#3 Sand
					0.0	
		ML		Below 128' - Caliche nodules.	0.2	5th Temporary well set at 130'
130	SS-130 GW-130			Below 130' - No caliche.	0.3	
		CL			0.0	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-70

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 132'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Low to medium plasticity. *(continued)*	0.0	6th Temporary well water level (135.4')
				Below 136' - Cemented caliche nodules. Below 136.5' - No caliche.	0.1	Cement - 5% bentonite slurry
					0.1	
140	SS-140				0.0	
					0.2	Hydrated bentonite
145					0.0	#3 Sand
					0.1	
150	SS-150 GW-150				0.0	6th Temporary well set at 150'
					0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-71

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/10/16 **COMPLETED** 11/22/16
GROUND ELEVATION 1813.058 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717195.435
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828465.529
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-12.5			(SM) 12'-20' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Weakly cemented; Dry; Loose; Subrounded grains; Fine to medium grained sand.	0.1	
15	SS-15	SM			0.0	Cement - 5% bentonite slurry
	SS-17.5				0.1	
20	SS-20			(ML) 20'-27.5' Light brown (7.5YR6/4); **SILT with SAND**; Dry; Soft; Subrounded grains; Fine to medium grained sand; Trace gravel.	0.0	
	SS-22.5	ML			0.1	
25	SS-25			Below 25' - Brown (7.5YR5/4); Wet.	0.0	
				27.5'-34' **No Recovery.**	0.0	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			27.5'-34' **No Recovery.** *(continued)*		Hydrated bentonite
35	SS-35	ML		(ML) 34'-40' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Soft; Fine to coarse grained sand; Few gravel; Trace clay. Below 37' - Caliche gravel. Below 37.5' - No caliche gravel.	0.3 0.1	#3 Sand 1st Temporary well water level (35.2') 3rd Temporary well water level (36.9')
40	GW-40			(ML) 40'-73' Strong brown (7.5YR5/6); **SILT**; Wet; Soft; Low plasticity; Few subangular caliche gravel; Trace fine to medium grained caliche sand.	0.1 0.2	2nd Temporary well water level (37.4') 1st Temporary well set at 40'
45					0.1	
50		ML			0.0 0.0	Cement - 5% bentonite slurry
55					0.1 0.0	
60	SS-60			Below 60' - Brown (7.5YR5/4); Firm; No caliche.	0.1 0.0	Hydrated bentonite #3 Sand 2nd Temporary well set at 65'

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-71

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 40'-73' Strong brown (7.5YR5/6); **SILT**; Wet; Soft; Low plasticity; Few subangular caliche gravel; Trace fine to medium grained caliche sand. *(continued)*	0.1	
					0.0	
70	SS-70				0.0	
	SS-73				0.1	Cement - 5% bentonite slurry
		SW		(SW) 73'-75' Dark brown (7.5YR3/3); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.		
75				(CL) 75'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very dense; Low plasticity.	0.0	
					0.0	
80	SS-80	CL			0.1	
					0.0	Hydrated bentonite
85					0.0	#3 Sand
					0.0	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-72

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/11/16 **COMPLETED** 11/18/16
GROUND ELEVATION 1813.434 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717130.01
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828814.306
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.0	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist from hydrovac; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SM		(SM) 12'-31' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.0	
15	SS-15				0.0	
				Below 16' - Trace gravel.		
	SS-17.5				0.0	Cement - 5% bentonite slurry
20	SS-20			Below 20' - Caliche nodules.	0.0	
		SM				
	SS-22.5				0.0	
25	SS-25				0.0	
	SS-27.5				0.0	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM			0.0	
				(ML) 31'-45' Brown (7.5YR4/4); **SILT with SAND**; Dry; Loose; Subangular grains; Fine grained sand.		
	SS-32.5				0.0	
35	SS-35				0.0	1st Temporary well water level (33.8')
	SS-37.5	ML		Below 37.5' - Wet.	0.0	Hydrated bentonite
40	SS-40				0.0	2nd Temporary well water level (39.8') #3 Sand
					0.0	
45	GW-45				0.0	1st Temporary well set at 45'
		CL		(CL) 45'-53' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.0	3rd Temporary well water level (47.5')
50	SS-50				0.0	Cement - 5% bentonite slurry
					0.0	
55		ML		(ML) 53'-57' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.0	
		SM		(SM) 57'-58' Dark brown (7.5YR3/4); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace clay.	0.0	
		ML		(ML) 58'-60' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft to firm; Subangular to subrounded grains; Fine grained sand; Trace gravel.		
60	SS-60			60'-64.5' **No Recovery.**	0.0	Hydrated bentonite
						#3 Sand

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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BORING NUMBER U4U5-72

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 64.5'-67' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Very soft; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace gravel.	0.0	2nd Temporary well set at 67.5'
	GW-67.5	SC		(SC) 67'-67.5' Brown (7.5YR4/4); **CLAYEY SAND**; Wet; Loose to medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0.0	
		SP-SM		(SP-SM) 67.5'-70' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Wet; Medium dense; Subangular to subrounded grains; Medium grained sand; Trace gravel.		
70	SS-70	GW-GM		(GW-GM) 70'-71' Dark brown (7.5YR3/4); **Well Graded GRAVEL with SILT and SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Caliche gravel and sand.	0.4	
		CL		(CL) 71'-74' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.0	
		SW-SM		(SW-SM) 74'-75' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Medium dense; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.0	Cement - 5% bentonite slurry
75		SM		(SM) 75'-77.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand.		
		CL		(CL) 77.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.3	
80	SS-80				0.8	
					0.9	Hydrated bentonite
85					0.9	4th Temporary well water level (84.1') #3 Sand
					0.7	3rd Temporary well set at 90'
90	SS-90 GW-90				0.0	
					0.7	
95					0.4	Cement - 5% bentonite slurry
					0.5	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 77.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	1.4	
				Below 102.5' - Trace caliche nodules.	1.4	Hydrated bentonite
105					1.9	#3 Sand
				Below 106' - No caliche nodules.		
				(CL) 107.5'-112.5' Brown (7.5YR4/4); **Lean CLAY with GRAVEL**; Wet; Firm; Low plasticity; Trace fine grained sand.	1.1	4th Temporary well set at 110'
110	SS-110 GW-110	CL			0.8	
				(ML) 112.5'-127' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand; Trace caliche gravel.	1.8	
115					0.8	Cement - 5% bentonite slurry
				Below 118' - No caliche.	1.1	
120	SS-120	ML			1.3	
					0.9	Hydrated bentonite
125				Below 125' - Light brown (7.5YR6/3); Trace caliche gravel.	1.1	5th Temporary well water level (124.5') #3 Sand
				(CL) 127'-135' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	1.3	5th Temporary well set at 130'
130	SS-130 GW-130	CL			1.3	

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

BORING NUMBER U4U5-72

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
		CL		(CL) 127'-135' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	1.6	
135						
		ML		(ML) 135'-140' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity; Some clay; Trace fine grained sand.	1.6	Cement - 5% bentonite slurry
					1.2	
140	SS-140					
		CL		(CL) 140'-143' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	1.7	
					2.3	Hydrated bentonite
		CL		(CL) 143'-150' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Wet; Firm; Low plasticity; Caliche gravel; Trace fine grained caliche sand.	1.6	
145						#3 Sand
					1.8	6th Temporary well water level (149.5')
					1.8	
					2.3	6th Temporary well set at 150'
150	SS-150 GW-150					

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-73

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 12/6/16 **COMPLETED** 12/7/16
GROUND ELEVATION 1812.911 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717278.904
LOGGED BY J. Souza/E.Peirce **CHECKED BY** J. Walker
EASTING 828849.633
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few subangular gravel.	1.2	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular gravel.	1.6	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular gravel.	1.7	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel.	1.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subrounded to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel.	1.4	
	SS-12.5			(SM) 12'-31' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subrounded to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel. Below 13' - Moist; Loose; Subangular grains.	0.1	
15	SS-15				0.1	
	SS-17.5				0.2	Cement - 5% bentonite slurry
20	SS-20			Below 19' - Rock powder. Below 19.5' - No rock powder.	0.2	
	SS-22.5	SM			0.3	
25	SS-25			Below 25' - No gravel; Fine to medium grained sand.	0.1	
	SS-27.5				0.3	
30						

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NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM			0.1	
				(ML) 31'-56' Brown (7.5YR5/4); **SANDY SILT**; Moist; Stiff; Fine grained sand.		
	SS-32.5				0.1	
35	SS-35				0.1	
	SS-37.5				0.2	1st Temporary well water level (36.5') Hydrated bentonite
40	SS-40				0.1	3rd Temporary well water level (37.6')
				Below 42' - Wet.		2nd Temporary well water level (38')
		ML			0.2	#3 Sand
45	GW-45				0.2	1st Temporary well set at 45'
					0.7	
50	SS-50				1.0	
					0.3	Cement - 5% bentonite slurry
55					0.6	
				(ML) 56'-81' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sand; Low to no plasticity.		
					0.6	
60	SS-60	ML			0.3	Hydrated bentonite
					0.4	#3 Sand

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TETRA TECH, INC.

BORING NUMBER U4U5-73

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 56'-81' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sand; Low to no plasticity. *(continued)*	0.5	2nd Temporary well set at 67.5'
	GW-67.5				1.0	
70					0.7	
		ML			1.0	
75					1.1	Cement - 5% bentonite slurry
				Below 78' - Very stiff.	1.1	
80	SS-80				1.0	
	SS-81	SM		(SM) 81'-82' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular grains; Coarse grained sand.		
				(ML) 82'-90' Brown (7.5YR5/4); **SILT with SAND**; Wet; Very stiff; Fine grained sand; Low to no plasticity.	0.8	Hydrated bentonite
85					0.7	#3 Sand
		ML				
					1.2	3rd Temporary well set at 90'
90	SS-90 GW-90				0.8	

NERT TEMPORARY WELLS - GINT STD US.GDT - 12/28/17 14:23 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

WELL NUMBER M-241

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/18/16 **COMPLETED** 12/6/16
GROUND ELEVATION 1812.818 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR National EWP, Inc.
TOP OF CASING 1812.37 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING 26717579.641
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828217.077
NOTES NA

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		Locking Well Cap
	SS-1	SM		(SM) 1'-1.5' Light Brown (7.5YR6/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.2	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Subrounded grains; Fine to coarse grained sand; Trace gravel.	0.0	
	SS-12.5			12'-14' **Pulverized Concrete.**	0.2	
15	SS-15	SP-SM		(SP-SM) 14'-17' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel.	0.3	
	SS-17.5			17'-18' **Pulverized Concrete.**	0.5	
		SW-SM		(SW-SM) 18'-20' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
20	SS-20	SM		(SM) 20'-21.5' White (7.5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.4	4-inch Sch 80 PVC blank casing (0'-145')
	SS-22.5			(SW-SM) 21.5'-31.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.0	
25	SS-25	SW-SM			0.0	
	SS-27.5				1.3	
30						

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 13:13 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM			0.1	
	SS-32.5	SM		(SM) 31.5'-35' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Rounded grains; Fine grained sand.	0.0	
35	SS-35			(ML) 35'-68' Brown (7.5YR4/4); **SILT**; Moist; Soft; Few rounded, fine grained sand.	0.0	
	SS-37.5			Below 38' - Wet.	0.0	
40	SS-40				0.0	▼
					0.0	
45	GW-46			Below 46' - Trace fine grained sand.	0.0	Cement - 5% bentonite slurry (0'-138')
					0.0	
50	SS-50	ML			0.0	
				Below 53' - Light brown (7.5YR6/4); Low plasticity.	0.0	
55				Below 54' - Brown (7.5YR4/4).	0.0	
					0.0	
60	SS-60			Below 59' - Trace caliche nodules.	0.0	
				Below 60.5' - No caliche.	0.0	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 35'-68' Brown (7.5YR4/4); **SILT**; Moist; Soft; Few rounded, fine grained sand. *(continued)*	0.0	
	GW-68	CL		(CL) 68'-69.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft to firm; Low plasticity; Trace rounded, fine grained sand.	0.0	
70	SS-70	SW-SM		(SW-SM) 69.5'-70.5' Dark Brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.3	
		ML		(ML) 70.5'-77.5' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.	0.2	
75					0.1	
		CL		(CL) 77.5'-80.5' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft to firm; Rounded to subrounded grains; Fine grained sand; Low plasticity.	0.1	
80	SS-80				0.1	
		CL		(CL) 80.5'-82' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Trace rounded, fine grained sand.		
		ML		(ML) 82'-83.5' Brown (7.5YR 4/4); **SILT**; Wet; Soft to firm; Low plasticity; Few rounded, fine grained sand.	0.2	
				(CL) 83.5'-100' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity.		
85					0.1	
					0.2	
90	GW-90 SS-90	CL			0.2	
				Below 92.5' - Trace rounded, fine grained sand.	0.1	
95					0.2	
				Below 96' - Trace caliche nodules.	0.1	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 83.5'-100' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity. *(continued)*		
		ML		(ML) 100'-103.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm; Rounded grains; Fine grained; Low plasticity; Trace caliche gravel.	0.1 0.1	
105		CL		(CL) 103.5'-105.5' Light Brown (7.5YR6/3); **Lean CLAY with GRAVEL**; Wet; Firm; Subangular to subrounded gravel; Low plasticity; Few subangular to subrounded, fine to coarse grained sand.	0.2	
110	GW-110 SS-110	CL		(CL) 105.5'-113.5' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace rounded, fine grained sand.	0.1 0.1 0.1	
115		ML		(ML) 113.5'-116' Brown (7.5YR4/4); **SILT**; Wet; Soft to firm; Low plasticity; Few rounded, fine grained sand.	0.0	
120	SS-120	CL		(CL) 116'-122' Brown (7.5YR 4/4); **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Trace rounded, fine grained sand.	0.0 0.0	
		ML		(ML) 122'-124' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0.0	
125		CL		(CL) 124'-126' Brown (7.5YR4/4) **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Trace rounded, fine grained sand.	0.0	
		ML		(ML) 126'-129' Brown (7.5YR4/4) Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm to stiff; Rounded grains; Fine to medium grained sand; Low plasticity; Trace subangular gravel.	0.0	
130	GW-130 SS-130	ML		(ML) 129'-130.5' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0.0	
		CL		(CL) 130.5'-143.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.		

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TETRA TECH, INC.

WELL NUMBER M-241

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 130.5'-143.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand. *(continued)*	0.0 0.1 0.1	Hydrated bentonite chips (138'-140.8')
140	SS-140				0.0 0.1	#30 Sand (140.8'-143')
145		CL		(CL) 143.5'-145' Light Brown (7.5YR6/4); **GRAVELLY Lean CLAY**; Wet; Firm; Angular to subangular gravel; Low plasticity; Caliche nodules; Few subangular, fine to coarse grained sand.	0.0	#3 Sand (143'-150')
		CL		(CL) 145'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0.1 0.1	4-inch Sch 80 PVC well screen, 0.010" slot (145'-150')
150	GW-150 SS-150					

NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 13:13 - P:\GINT\NERT\2016 - 2ND MOBILIZATION\NERT - SECOND MOBILIZATION LOGS.GPJ

Lithologic Logs: Third Mobilization

WELL NUMBER M-247

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/9/17 **COMPLETED** 10/9/17
GROUND ELEVATION 1813.778 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING M-247-60: 1813.216 ft MSL / M-247-100: 1813.262 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING M-247-60: 26717052.789 / M-247-100: 26717052.876
LOGGED BY J. Toth/J. Souza **CHECKED BY** J. Walker
EASTING M-247-60: 828321.202 / M-247-100: 828321.691
NOTES Shallow monitoring well: M-247-60. Deep monitoring well: M-247-100.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-12' **Not Logged**.		Locking Well Cap
15		SM		(SM) 12'-15.8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Dense; Angular to subangular grains; Fine to coarse grained sand; Well graded sand; Little gravel with maximum 2.25" diameter; Odorless; Strong HCL reaction.	1.0	
		SW		(SW) 15.8'-18' Light brown (7.5YR6/3) to white (7.5YR8/1); **Well Graded SAND**; Moist; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel with maximum 2" diameter; Odorless; Weak HCL reaction.	1.0 0.4	
20		SP		(SP) 18'-22.3' Brown (7.5YR5/6); **Poorly Graded SAND**; Moist; Compact; Fine grained sand; Odorless; No HCL reaction.	0.1 0.2	2-inch Sch 80 PVC blank casing
		SW		(SW) 22.3'-23.8' Brown (7.5YR4/4); **Well Graded SAND**; Wet; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; Weak HCL reaction.	0.3	
25		SP		(SP) 23.8'-28' Brown (7.5YR5/4); **Poorly Graded SAND**; Moist; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction. Below 26.7' - Dark brown (7.5YR3/4).	0.2 0.8	
30		SC-SM			0.6	Cement - 5% bentonite slurry (2'-53')

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SC-SM		(SC-SM) 28'-36.2' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND**; Moist; Compact; Low plasticity; Fine grained sand; Trace gravel with maximum 1" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel. *(continued)*	0.0	
					0.0	
35					0.0	
		SC-SM		(SC-SM) 36.2'-38' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND with GRAVEL**; Moist; Dense; Low plasticity; Fine grained sand; Poorly graded sand; Little subrounded gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction.	0.3	
		SM		(SM) 38'-41.1' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
40						
		GM		(GM) 41.1'-41.8' Brown (7.5YR5/4); **SILTY GRAVEL with SAND**; Wet; Dense; Subangular to subrounded grains; Gravel with maximum 1" diameter; Little fine to medium grained sand; Poorly graded sand; Odorless; Moderate HCL reaction.	0.3	
		SM		(SM) 41.8'-47' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Fine grained sand; Poorly graded sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
45					0.1	
		CL-ML		(CL-ML) 47'-48' Brown (7.5YR5/4); **SANDY SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.2	
		SC-SM		(SC-SM) 48'-58' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND**; Moist; Compact; Low plasticity; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Trace gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
50					0.0	
					0.0	
					0.0	
55					0.2	Hydrated bentonite chips (53'-56')
					0.2	#60 Sand (56'-58')
		SM		(SM) 58'-58.9' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Wet; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Well graded sand; Some gravel with maximum 1.25" diameter; Odorless; No HCL reaction.	0.3	
60	GW-60	SC-SM		(SC-SM) 58.9'-63.2' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Medium plasticity; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.2	#1C Sand (58'-71.9')
		GC-GM		(GC-GM) 63.2'-63.7' Brown (7.5YR5/4); **SILTY CLAYEY GRAVEL with SAND**; Moist; Dense; Low plasticity; Subangular to subrounded	0.1	

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SC-SM		gravel with maximum 2" diameter; Some fine grained sand; Odorless; Moderate HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	2-inch Sch 80 PVC well screen, 0.010" slot (60.5'-70.5')
				(SC-SM) 63.7'-68' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Medium plasticity; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on *(continued)*	0.0	
		SC-SM		(SC-SM) 68'-69.2' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Moist; Compact; Low plasticity; Fine grained sand; Poorly graded sand; Little gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.1	
70		SC-SM		(SC-SM) 69.2'-71.1' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Compact; Low plasticity; Fine grained sand; Few subangular to subrounded gravel with maximum 1.5" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.3	
		SM		(SM) 71.1'-74.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Compact; SUbangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.2	
75		SW		(SW) 74.5'-75.5' Dark brown (7.5YR3/3); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.2	
		SC-SM		(SC-SM) 75.5'-78' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Medium plasticity; Subangular to subrounded sand; Fine to medium grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.2	
		SW-SM			0.3	
80		CH		(SW-SM) 78'-78.9' Dark brown (7.5YR3/3); **Well Graded SAND with SILT and GRAVEL**; Wet; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Some gravel with maximum 1/2" diameter; Odorless.	0.2	
		CL-ML		(CH) 78.9'-81' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	Cement - 5% bentonite slurry (71.9'-92.9')
		CH		(CL-ML) 81'-83.1' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Few fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
85				(CH) 83.1'-88' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
		CL-ML		(CL-ML) 88'-89.7' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Few fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.2	
90		CH		(CH) 89.7'-92.1' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.2	
		CL-ML		(CL-ML) 92.1'-98' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Few fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.1	Hydrated bentonite chips (92.9'-95.9')
95					0.2	#60 Sand (95.9'-98.1')
		ML		(ML) 98'-98.2' Brown (7.5YR5/4); **SILT**; Moist; Soft; Massive; Low	0.2	

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-247

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				plasticity; Few fine grained sand; Odorless; No HCL reaction.		
100	GW-100	CL		(CL) 98.2'-104.2' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Massive; Medium plasticity; Trace fine grained sand; Poorly graded sand; Odorless; No HCL reaction. *(continued)*	0.2 0.2 0.2	#1C Sand (98.1'-111')
105		CL-ML CL-ML		(CL-ML) 104.2'-104.8' Brown (7.5YR5/4); **GRAVELLY SILTY CLAY**; Moist; Soft; Massive; Medium plasticity; Some subangular to subrounded gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.2	2-inch Sch 80 PVC well screen, 0.010" slot (100.5'-110.5')
		CL-ML		(CL-ML) 104.8'-107.1' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel and areas of weak cementation.	0.2	
110		CL-ML		(CL-ML) 107.1'-108' Brown (7.5YR5/4); **GRAVELLY SILTY CLAY**; Moist; Soft; Massive; Medium plasticity; Some subangular to subrounded gravel with maximum 2" diameter; Odorless; Strong HCL reaction.		
				(CL-ML) 108'-111' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.		

NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

WELL NUMBER M-248

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/7/17 **COMPLETED** 9/7/17
GROUND ELEVATION 1813.762 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING 1813.498 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING 26717050.709
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING 828311.094
NOTES NA

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-12' **Not Logged**.		Locking Well Cap
15		SM		(SM) 12'-16' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Dense; Angular to subangular grains; Fine to coarse grained sand; Well graded sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.3 0.1	
		SW		(SW) 16'-18' Light brown (7.5YR6/3); **Well Graded SAND**; Moist; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel with maximum 3/8" diameter; Odorless; Weak HCL reaction.	0.2	
20		SP		(SP) 18'-21.8' Brown (7.5YR5/6); **Poorly Graded SAND**; Wet; Compact; Fine grained sand; Odorless; No HCL reaction.	0.0 0.0	2-inch Sch 80 PVC blank casing (0'-140.5')
		SW		(SW) 21.8'-23.2' Brown (7.5YR4/4); **Well Graded SAND**; Wet; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; Weak HCL reaction.	0.0	
25		SP		(SP) 23.2'-27.4' Brown (7.5YR5/4); **Poorly Graded SAND**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.0 0.0	
		SP SP		(SP) 27.4'-28' Dark brown (7.5YR3/4); **Poorly Graded SAND with GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.0 0.0	
30						

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SP		(SP) 28'-31.8' Brown (7.5YR5/4); **Poorly Graded SAND**; Moist; Compact; Fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; No HCL reaction on matrix; Strong HCL reaction on gravel. *(continued)*	0.0	
35		SC-SM		(SC-SM) 31.8'-37.1' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND**; Moist; Compact; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 3/4" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on matrix.	0.0 0.0	
		SC-SM		(SC-SM) 37.1'-38' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND with GRAVEL**; Moist; Dense; Fine grained sand; Poorly graded sand; Little subrounded gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.0	
40		SM		(SM) 38'-46.2' Brown (7.5YR4/4); **SILTY SAND**; Moist; Compact; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel. Below 42.5' - Trace gravel with maximum 3/8" diameter.	0.0 0.0 0.0	
45		CL-ML		(CL-ML) 46.2'-48' Brown (7.5YR5/4); **SANDY SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0 0.0	Cement - 5% bentonite slurry (2'-133.5')
				48'-50' **Not Logged**.		
50		SC-SM		(SC-SM) 50'-51.2' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND with GRAVEL**; Moist; Dense; Low plasticity; Fine grained sand; Poorly graded sand; Little subangular to subrounded gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; String HCL reaction on gravel.	0.0	
	SS-53	SC-SM		(SC-SM) 51.2'-58' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND**; Moist; Compact; Low plasticity; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Trace gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0 0.0 0.0	
55				58'-60' **Not Logged**.		
60		SP		(SP) 60'-62.3' Strong brown (7.5YR4/6); **Poorly Graded SAND**; Wet; Loose; Fine grained sand; Trace subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
	SS-63	SC-SM		Below 63.7' - Moist; Dense; Low to medium plasticity; Fine grained	0.0	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SC-SM		sand; Trace gravel with maximum 1/2" diameter; No HCL reaction on matrix; Strong HCL reaction on cemented areas. (SC-SM) 62.3'-68' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Loose; Subangular to subrounded sand; Fine to medium grained sand; Poorly graded sand; Trace subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction. *(continued)*	0.0 0.0	
				68'-70' **Not Logged**.		
70		SP-SM		(SP-SM) 70'-71.3' Brown (7.5YR5/7); **Poorly Graded SAND with SILT and GRAVEL**; Wet; Dense; Fine grained sand; Poorly graded sand; Little subangular to subrounded gravel with maximum 1.5" diameter; Odorless; No HCL reaction on matrix; Moderate HCL reaction on gravel; Moderately cemented caliche nodules.	0.3	
	SS-73	SC-SM		(SC-SM) 71.3'-74.2' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Loose; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.3	
75		SW		(SW) 74.2'-75.4' Dark brown (7.5YR3/3); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.7	
		SC-SM		(SC-SM) 75.4'-78' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Low to medium plasticity; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.0	
				78'-80' **Not Logged**.		
80		SW		(SW) 80'-81' Dark brown (7.5YR3/3); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.2 0.2	
	SS-83	CL-ML		(CL-ML) 81'-88' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Stiff; Massive; Medium plasticity; Little fine grained sand; Trace subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0 0.0 0.0	
85						
				88'-90' **Not Logged**.		
90		CL-ML		(CL-ML) 90'-91.1' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on cemented areas.	0.0 0.0	
		ML		(ML) 91.1'-92' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity; Little fine grained sand; Odorless; No HCL reaction.	0.0	
	SS-93	ML		(ML) 92'-96.3' Strong brown (7.5YR5/6); **SILT**; Moist; Firm; Massive; Low to medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
95						
		CH		(CH) 96.3'-98' Strong brown (7.5YR5/6); **Fat CLAY**; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0
				98'-100' **Not Logged**.		

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				98'-100' **Not Logged**. *(continued)*		
100		CH		(CH) 100'-102.1' Strong brown (7.5YR5/6); **Fat CLAY**; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0 0.0	
	SS-103	CL-ML		(CL-ML) 102.1'-103.2' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Low plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
		CH		(CH) 103.2'-104.2' Strong brown (7.5YR5/6); **Fat CLAY**; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
105		CL-ML		(CL-ML) 104.2'-108' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on cemented areas.	0.0	
				108'-110' **Not Logged**.		
110		CL-ML		(CL-ML) 110'-110.8' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on cemented areas.	0.0	
		SC-SM		(SC-SM) 110.8'-111.7' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Compact; Low plasticity; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Few gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
	SS-113					
115		CL-ML		(CL-ML) 111.7'-118' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on cemented areas.	0.0 0.0	
				118'-120' **Not Logged**.		
120		CL-ML		(CL-ML) 120'-120.6' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on cemented areas.	0.0 0.0	
		SM		(SM) 120.6'-121.6' Brown (7.5YR4/3); **SILTY SAND**; Moist; Compact; Angular to subangular grains; Fine to coarse grained sand; Well graded sand; Trace gravel with maximum 3/8" diameter; Odorless.	0.0	
	SS-123	CL-ML		(CL-ML) 121.6'-125.7' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.	0.0	
125		ML		(ML) 125.7'-127.6' Brown (7.5YR4/4); **SILT with SAND**; Moist; Firm; Massive; No plasticity; Little subangular to subrounded fine to medium grained sand; odorless; No HCL reaction.	0.0	
		CL-ML		(CL-ML) 127.6'-128' Strong brown (7.5YR5/6); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.		
130				128'-130' **Not Logged**.		
		CL-ML		(CL-ML) 130'-132.1' Strong brown (7.5YR5/6); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
		ML				

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TETRA TECH, INC.

WELL NUMBER M-248

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	SS-133	ML		(ML) 132.1'-133.6' Brown (7.5YR4/4); **SILT with SAND**; Moist; Firm; Massive; No plasticity; Little subangular to subrounded fine to medium grained sand; odorless; No HCL reaction. *(continued)*	0.0	Hydrated bentonite chips (133.5'-135.8')
135		CL-ML		(CL-ML) 133.6'-138' Strong brown (7.5YR5/6); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.1	
					0.1	#60 Sand (135.8'-138')
				138'-140' **Not Logged**.		
140		CL-ML		(CL-ML) 140'-141.4' Strong brown (7.5YR5/6); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.	0.0	#1C Sand (138'-150.9')
		GC-GM		(GC-GM) 141.4'-143' Strong brown (7.5YR5/6); **SILTY CLAYEY GRAVEL**; Moist; Dense; Some subangular gravel with maximum 2" diameter; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
	SS-143				0.0	
145		CL-ML		(CL-ML) 143'-148' Strong brown (7.5YR5/6); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.	0.0	2-inch Sch 80 PVC well screen, 0.010" slot (140.5'-150.5')
					0.0	
				148'-150.9' **Not Logged**.		
150	GW-150					

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WELL NUMBER M-249

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/14/17 **COMPLETED** 9/14/17
GROUND ELEVATION 1813.407 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING M-249-60: 1813.168 ft MSL / M-249-100: 1813.137 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING M-249-60: 26717273.630 / M-249-100: 26717273.787
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING M-249-60: 828067.252 / M-249-100: 828067.024
NOTES Shallow monitoring well: M-249-60. Deep monitoring well: M-249-100.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-23' **Not Logged**.		Locking Well Cap
5						
10						
15						
20						2-inch Sch 80 PVC blank casing
25		SW-SM		(SW-SM) 23'-24.1' Brown (7.5YR4/3); **Well Graded SAND with SILT**; Moist; Compact; Angular to subangular grains; Fine to coarse grained sand; Few gravel with maximum 3/8" diameter; Odorless; Strong HCL reaction.	0.0	
		SW-SM		(SW-SM) 24.1'-25.8' White (7.5YR8/1) to light brown (7.5YR6/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Compact; Angular to subangular grains; Fine to coarse grained sand; Little gravel with maximum 1.5" diameter; Odorless; No HCL reaction.	0.9	
30		SM		(SM) 25.8'-30.1' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Dense; Fine grained sand; Odorless; Weak HCL reaction; Weak cementation.	1.0 0.3	Cement - 5% bentonite slurry (2'-52.8')

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TETRA TECH, INC.

WELL NUMBER M-249

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SP		(SP) 30.1'-31.1' Brown (7.5YR5/4); **Poorly Graded SAND**; Wet; Loose; Fine to medium grained sand; Odorless; Weak HCL reaction.	0.3	
				(SM) 31.1'-38' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Dense; Fine grained sand; Odorless; Weak HCL reaction; Weak cementation.	0.4	
35		SM		Below 35.1' - Loose.	0.5	
					0.6	
		SC-SM		(SC-SM) 38'-38.5' Strong brown (7.5YR5/6); **SILTY CLAYEY SAND with GRAVEL**; Wet; Loose; Low plasticity clay; Fine grained sand; Little subrounded gravel with maximum 2" diameter; Odorless; Weak HCL reaction.	0.3	
40		SM		(SM) 38.5'-44.1' Strong brown (7.5YR5/6); **SILTY SAND**; Wet; Loose; Fine grained sand; Trace subangular to subrounded gravel with maximum 1.2" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
					0.0	
45		SP		(SP) 44.1'-45' Strong brown (7.5YR5/6); **Poorly Graded SAND with GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Little subrounded gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.0	
				45'-48' **Not Logged**.		
				(SC-SM) 48'-64.2' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Fine grained sand; Odorless; No HCL reaction.	0.0	
50					0.0	
					0.0	Hydrated bentonite chips (52.8'-56.3')
55		SC-SM			0.0	
					0.0	#60 Sand (56.3'-57.8')
				Below 58' - Wet.		
60	GW-60				0.1	#1C Sand (57.8'-70.5')
					0.2	

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SC-SM		(SC-SM) 64.2'-68' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Wet; Compact; Low plasticity clay; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Little gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction. *(continued)*	0.1 0.1	2-inch Sch 80 PVC well screen, 0.010" slot (59.5'-69.5')
70		SM		(SM) 68'-70.2' Brown (7.5YR5/4); **SILTY SAND**; Wet; COmpact; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Trace gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
		SW-SM		(SW-SM) 70.2'-70.8' Strong brown (7.5YR4/6); **Well Graded SAND with SILT**; Wet; Compact; Angular to subangular grains; Fine to coarse grained sand; Odorless; No HCL reaction.	0.0	
75		SM		(SM) 70.8'-75.3' Brown (7.5YR5/4); **SILTY SAND**; Wet; Compact; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.0	
		CL-ML		(CL-ML) 75.3'-78' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Few fine grained sand; Odorless; No HCL reaction.	0.5 0.0	
80		SC-SM CL-ML		(SC-SM) 78'-78.9' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Low to medium plasticity clay; Odorless; No HCL reaction.	0.2	
		CH		(CL-ML) 78.9'-80.3' Strong brown (7.5YR5/6); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Odorless; No HCL reaction.	0.3	Cement - 5% bentonite slurry (70.5'-92.5')
85				(CH) 80.3'-87.2' Strong brown (7.5YR5/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0 0.0	
		CL-ML ML		(CL-ML) 87.2'-88' Strong brown (7.5YR5/6); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Odorless; No HCL reaction.	0.0	
90		CL		(ML) 88'-89.1' Brown (7.5YR5/4); **SILT**; Firm; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction.	0.0	
				(CL) 89.1'-93' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
95		CL CL		(CL) 93'-93.3' Strong brown (7.5YR5/6); **Lean CLAY with GRAVEL**; Moist; Firm; Massive; Medium plasticity; Angular to subrounded grains; Trace fine grained sand; Odorless; No HCL reaction in matrix; Strong HCL reaction on gravel.	0.0	Hydrated bentonite chips (92.5'-96')
				(CL) 93.3'-97' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
		CL CL		(CL) 97'-97.3' Strong brown (7.5YR5/6); **Lean CLAY with GRAVEL**; Moist; Firm; Massive; Medium plasticity; Angular to subrounded grains; Trace fine grained sand; Odorless; No HCL reaction in matrix;	0.0	#60 Sand (96'-98')

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TETRA TECH, INC.

WELL NUMBER M-249

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	GW-100	CL		Strong HCL reaction on gravel.		#1C Sand (98'-110.5')
		ML		(CL) 97.3'-99.1' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction. *(continued)*		
		ML		(ML) 99.1'-100' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low plasticity; Few fine grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; Strong HCL reaction.		
		CH		(ML) 100'-101.3' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Massive; Low plasticity; Little subrounded gravel with maximum 1" diameter; Few fine grained sand; Odorless; Moderate to strong HCL reaction.		
105				(CH) 101.3'-105.9' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Odorless; Strong HCL reaction.		2-inch Sch 80 PVC well screen, 0.010" slot (99.5'-109.5')
		CL-ML		(CL-ML) 105.9'-106.3' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Low to medium plasticity; Little fine grained sand; Odorless; No HCL reaction.		
		CL				
		CH		(CL) 106.3'-107.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction in matrix; Weak HCL reaction in gravel; Areas of weak cementation.		
110				(CH) 107.5'-108' Reddish brown (5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction in matrix; Weak HCL reaction in areas of weak cementation.		
				108'-110.5' **Not Logged**.		

NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-250

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/11/17 **COMPLETED** 9/12/17
GROUND ELEVATION 1813.206 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING 1812.909 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING 26717283.833
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING 828064.538
NOTES NA

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-23' **Not Logged**.		Locking Well Cap
5						
10						
15						
20						2-inch Sch 80 PVC blank casing (0'-139.5')
25		SW-SM		(SW-SM) 23'-24.5' Brown (7.5YR4/3); **Well Graded SAND with SILT**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel with maximum 3/8" diameter; Odorless; Strong HCL reaction.	0.5	
		SW-SM		(SW-SM) 24.5'-25.3' White (7.5YR8/1) to light brown (7.5YR6/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Compact; Angular to subangular grains; Fine to coarse grained sand; Little gravel with maximum 1" diameter; Odorless; Moderate HCL reaction on matrix; Strong HCL reaction on gravel.	1.2	
		SM		(SM) 25.3'-30.3' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Compact; Fine grained sand; Trace gravel with maximum 3/8" diameter; odorless; Strong HCL reaction. Below 25.8' - Loose; Weak HCL reaction.	6.8	
30					0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SP		(SP) 30.3'-31.6' Brown (7.5YR5/4); **Poorly Graded SAND**; Wet; Loose; Fine to medium grained sand; Odorless; Weak HCL reaction.	0.0	
		SM		(SM) 31.6'-38.6' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Loose; Fine grained sand; Trace gravel with maximum 3/8" diameter; Odorless; Weak HCL reaction.	0.0	
35				Below 34.8' - No gravel; Moderate HCL reaction.	0.0	
					0.0	
		SP		(SP) 38.6'-40.5' Brown (7.5YR5/4); **Poorly Graded SAND**; Wet; Loose; Fine to medium grained sand; Odorless; Weak HCL reaction.	0.0	
40		SM		(SM) 40.5'-44.6' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Loose; Fine grained sand; Trace subangular gravel with maximum 1/2" diameter; odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
					0.0	
45		SP		(SP) 44.6'-45.8' Strong brown (7.5YR5/6); **Poorly Graded SAND with GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Little subrounded gravel with maximum 1" diameter; Odorless; Strong HCL reaction.	0.0	Cement - 5% bentonite slurry (2'-131')
		SM		(SM) 45.8'-48' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Loose; Fine grained sand; Trace subangular gravel with maximum 1/2" diameter; odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
50				48'-50' **Not Logged**.		
		SC-SM		(SC-SM) 50'-52.1' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; COmpact; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.2	
	SS-53	SC-SM		(SC-SM) 52.1'-54.3' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Moist; Dense; Low plasticity; Fine grained sand; poorly graded sand; Little subangular to subrounded gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.3	
55		SC-SM		(SC-SM) 54.3'-57.6' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.0	
					0.0	
		SC-SM		(SC-SM) 57.6'-58' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Moist; Dense; Low plasticity; Fine grained sand; poorly graded sand; Little subangular to subrounded gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Strong HCL rea		
60				58'-60' **Not Logged**.		
		SC-SM		(SC-SM) 60'-60.9' Brown (7.5YR4/4); **SILTY CLAYEY SAND**; Wet; Compact; Low plasticity; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.0	
		CL-ML				
	SS-63	SC-SM		(CL-ML) 60.9'-62.4' Brown (7.5YR5/4); **SANDY SILTY CLAY**; Wet; Firm; Massive; Low to medium plasticity; Some fine grained sand; Odorless; Strong HCL reaction.	0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL-ML		(SC-SM) 62.4'-64.7' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Loose; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction. *(continued)*	0.0	
		ML		(CL-ML) 64.7'-66' Brown (7.5YR5/4); **SANDY SILTY CLAY**; Wet; Firm; Massive; Low to medium plasticity; Some fine grained sand; Odorless; Strong HCL reaction.	0.0	
				(ML) 66'-68' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low to medium plasticity; Little fine grained sand; Odorless; Weak HCL reaction.		
70				68'-70' **Not Logged**.		
		SM		(SM) 70'-71.2' Light brown (7.5YR6/4); **SILTY SAND with GRAVEL**; Weak; Dense; No plasticity; Fine grained sand; Poorly graded sand; Some subangular to subrounded gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.0	
	SS-73	SP-SC		(SP-SC) 71.2'-74.2' Brown (7.5YR5/4); **Poorly Graded SAND with SILTY CLAY**; Wet; Compact; No plasticity; Fine grained sand; Trace subangular to subrounded gravel with maximum1" diameter; Odorless; No HCL reaction.	0.0	
75		SP-SC		(SP-SC) 74.2'-75.2' Brown (7.5YR5/4); **Poorly Graded SAND with SILTY CLAY and GRAVEL**; Wet; Dense; Fine grained sand; Poorly graded sand; Little subrounded gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
		CL-ML		(CL-ML) 75.2'-78' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Few fine grained sand; Odorless; No HCL reaction.	0.0	
				78'-80' **Not Logged**.		
80		SC-SM		(SC-SM) 80'-81.6' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Low to medium plasticity; Subangular to subrounded sand; Fine to coarse grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.2	
		ML		(ML) 81.6'-82.9' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Massive; Low plasticity; Little fine grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
	SS-83	CH		(CH) 82.9'-85.3' Brown (7.5YR5/4) **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.		
85		ML		(ML) 85.3'-86.8' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Massive; Low plasticity; Little fine grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
		CH		(CH) 86.8'-88' Brown (7.5YR5/4) **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
				88'-90' **Not Logged**.		
90		CL		(CL) 90'-91.9' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	
	SS-93	ML		(ML) 91.9'-93.9' Brown (7.5YR5/4); **SILT**; Wet; Soft; Massive; Low plasticity; Few fine to medium grained sand; Odorless; No HCL reaction.	0.0	
95		CL-ML		(CL-ML) 93.9'-98' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Few fine grained sand; Odorless; No HCL reaction.	0.0	
					0.0	
				98'-100' **Not Logged**.		

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				98'-100' **Not Logged**. *(continued)*		
100		ML		(ML) 100'-100.3' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low to medium plasticity; Few fine grained sand; Odorless; Weak HCL reaction.	0.0	
		GC-GM		(GC-GM) 100.3'-100.8' Brown (7.5YR5/4); **SILTY CLAYEY GRAVEL**; Wet; Dense; Low plasticity; Subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; Strong HCL reaction.	0.0	
	SS-103	ML				
		CL-ML		(ML) 100.8'-102.2' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low plasticity; Trace fine grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; Strong HCL reaction.	0.0	
105		CL		(CL-ML) 102.2'-103.2' Brown (7.5YR5/4); **SILTY CLAY with GRAVEL**; Moist; Firm; Massive; Medium plasticity; Little subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; Strong HCL reaction.	0.0	
		CH		(CL) 103.2'-105.6' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
		CL		(CH) 105.6'-106.9' Reddish brown (5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Trace subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction on matrix; Weak HCL reaction on gravel and areas of weak cementation.	0.0	
110		CH		(CL) 106.9'-109' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction on matrix; Weak HCL reaction on gravel and areas of weak cementation.	0.0	
	SS-113	ML		109'-111' **Not Logged**.		
115		CL-ML		(CH) 111'-111.3' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
				(ML) 111.3'-114.5' Brown (7.5YR5/4); **SILT**; Wet; Firm; Massive; Low plasticity; Trace fine grained sand; Odorless; Weak to strong HCL reaction.	0.0	
				(CL-ML) 114.5'-118' Brown (7.5YR5/4); **SILTY CLAY**; Wet; Firm; Massive; Medium plasticity; Trace fine grained sand; Odorless; Strong HCL reaction. Below 115.4' - Moist; Few fine grained sand; Trace subangular gravel with maximum 3/8" diameter; Moderate HCL reaction on matrix; Strong HCL reaction on gravel and areas of weak cementation.		
120		CL		118'-120' **Not Logged**.	0.0	
		CL-ML		(CL) 120'-121.4' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
	SS-123			(CL-ML) 121.4'-123.4' Brown (7.5YR5/4); **SILTY CLAY with GRAVEL**; Wet; Firm; Massive; Medium plasticity; Little subangular to subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
125		CL		(CL) 123.4'-127.6' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
		CL-ML		(CL-ML) 127.6'-128' Brown (7.5YR5/4); **SILTY CLAY with GRAVEL**; Wet; Firm; Massive; Medium plasticity; Little subangular to subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on		
130				128'-130' **Not Logged**.		
		CL-ML			0.0	Hydrated bentonite chips (131'-133.5')

NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

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WELL NUMBER M-250

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	SS-133			(CL-ML) 130'-133.7' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation. *(continued)*	0.0	
		GC				
135				(GC) 133.7'-134.4' Brown (7.5YR5/4); **CLAYEY GRAVEL**; Wet; Soft; Massive; Low plasticity; Subangular to subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	#60 Sand (133.5'-136')
		CL-ML		(CL-ML) 134.4'-138' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	
140				138'-140' **Not Logged**.		#1C Sand (136'-150.5')
		ML		(ML) 140'-141' Strong brown (7.5YR5/6); **GRAVELLY SILT**; Wet; Soft; Massive; Low plasticity; Little subrounded gravel with maximum 1.5" diameter; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
		CL-ML		(CL-ML) 141'-142.8' Strong brown (7.5YR5/6); **SILTY CLAY with GRAVEL**; Moist; Firm; MAssive; Low plasticity; Little subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
	SS-143					
145		CH		(CH) 142.8'-148' Strong brown (7.5YR5/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	2-inch Sch 80 PVC well screen, 0.010" slot (139.5'-149.5')
					0.0	
				148'-150.5' **Not Logged**.		
150	GW-150					

NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

WELL NUMBER M-251

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/19/17 **COMPLETED** 9/19/17
GROUND ELEVATION 1805.632 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING M-251-60: 1808.372 ft MSL / M-251-100: 1808.241 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING M-251-60: 26717336.487 / M-251-100: 26717336.625
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING M-251-60: 828239.836 / M-251-100: 828239.523
NOTES Shallow monitoring well: M-251-60. Deep monitoring well: M-251-100.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
-5						
0				0'-12' **Not Logged**.		Above grade stick-up
5						
10						2-inch Sch 80 PVC blank casing
15		SW		(SW) 12'-15' Brown (7.5YR4/4); **Well Graded SAND with GRAVEL**; Moist; Dense; Angular to subangular sand; Fine to coarse grained sand; Little subangular gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction.	0.8	
				Below 14.5' - Moderately cemented.		
		SP-SM		(SP-SM) 15'-15.7' Strong brown (7.5YR5/6); **Poorly Graded SAND with SILT**; Moist; Compact; Subrounded sand; Fine to coarse grained sand; Trace subangular gravel with 3/8" diameter; Odorless; No HCL reaction.	0.1	
20		SP		(SP) 15.7'-28' Brown (7.5YR4/3); **Poorly Graded SAND**; Wet; Loose; Subangular sand; Fine to coarse grained sand; Few subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.1	Cement - 5% bentonite slurry (2'-45')
				Below 16.6' - Strong brown (7.5YR5/6); Moist; Compact; Fine grained sand; No gravel.	0.0	
				Below 18' - Brown (7.5YR4/4); Wet; Loose; Subangular to subrounded sand; Fine to medium grained sand.	0.0	
				Below 18.8' - Strong brown (7.5YR5/6); Moist; Compact; Fine grained sand.	0.0	
25						

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NERT MONITORING WELL - 2 CASING(STICKUP) - GINT STD US.GDT - 12/28/17 12:35 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
25		SP		(SP) 15.7'-28' Brown (7.5YR4/3); **Poorly Graded SAND**; Wet; Loose; Subangular sand; Fine to coarse grained sand; Few subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction. *(continued)*	0.0 0.0	
30		SP-SM		(SP-SM) 28'-33.2' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Compact; Fine grained sand; Trace subrounded gravel with maximum 1.5" diameter; Odorless; No HCL reaction in matrix; Strong HCL reaction in gravel.	0.0 0.0	
35		SM		(SM) 33.2'-38' Strong brown (7.5YR5/6); **SILTY SAND**; Most; Compact; Fine grained sand; Poorly graded sand; Trace subangular gravel with maximum 2.5" diameter; Odorless; No HCL reaction in matrix; Strong HCL reaction in gravel.	0.0 0.0 0.0	
40		SC-SM		(SC-SM) 38'-41' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Wet; Compact; Fine grained sand; Little subangular to subrounded gravel with maximum 1.5" diameter; Low plasticity; Odorless; Weak HCL reaction in matrix; Strong HCL reaction in gravel.	0.0	
		SC-SM		(SC-SM) 41'-42.5' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 3/4" diameter; Odorless; Weak HCL reaction.	0.0	
45		CL-ML		(CL-ML) 42.5'-48' Strong brown (7.5YR5/6); **SANDY SILTY CLAY**; Moist; Compact; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; Weak to strong HCL reaction in matrix; Strong HCL reaction in gravel.	0.0 0.0 0.0	Hydrated bentonite chips (45'-48')
50		SM		(SM) 48'-55.2' Brown (7.5YR4/4); **SILTY SAND**; Wet; Compact; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Trace gravel with maximum 1.5" diameter; Odorless; Weak HCL reaction.	0.0 0.0 0.0	#60 Sand (48'-50') #1C Sand (50'-63')
55		CL-ML		(CL-ML) 55.2'-58.9' Strong brown (7.5YR5/6); **SANDY SILTY CLAY**; Moist; Compact; Fine grained sand; Poorly graded sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; Weak to strong HCL reaction in matrix; Strong HCL reaction in g	0.0 0.0	2-inch Sch 80 PVC well screen, 0.010" slot (52.5'-62.5')

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NERT MONITORING WELL - 2 CASING(STICKUP) - GINT STD US.GDT - 12/28/17 12:35 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
60	GW-60	SP-SM		(SP-SM) 58.9'-61.8' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Compact; Subangular to subrounded sand; Fine to medium grained sand; Odorless; Weak to strong HCL reaction. *(continued)*	0.0	
		SP-SM		(SP-SM) 61.8'-62.8' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Wet; Compact; Fine grained sand; Some subangular to subrounded gravel with maximum 1" diameter; odorless; Strong HCL reaction.	0.0	
65		SP-SM		(SP-SM) 62.8'-66.1' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Compact; Subangular to subrounded sand; Fine to medium grained sand; Odorless; Weak to strong HCL reaction.	0.0	
		SP-SM		(SP-SM) 66.1'-67' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Wet; Compact; Fine grained sand; Some subangular to subrounded gravel with maximum 1" diameter; odorless; Strong HCL reaction.	0.0	
		SP				
		CL		(SP) 67'-68' Brown (7.5YR4/3); **Poorly Graded SAND**; Wet; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.0	
70		SW-SM		(CL) 68'-69.4' Brown (7.5YR5/4); **SANDY Lean CLAY**; Moist; Firm; Massive; Medium plasticity; Some fine grained sand; Poorly graded sand; Odorless; No HCL reaction in matrix; Strong HCL reaction in cemented areas.	0.0	
		CL		(SW-SM) 69.4'-70' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Little subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
		SW-SM		(CL) 70'-73' Brown (7.5YR5/4); **SANDY Lean CLAY**; Moist; Firm; Massive; Medium plasticity; Some fine grained sand; Poorly graded sand; Odorless; No HCL reaction in matrix; Strong HCL reaction in cemented areas.	0.0	Cement - 5% bentonite slurry (63'-86')
75		CH		(SW-SM) 73'-73.8' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Little subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
				(CH) 73.8'-79.9' Strong brown (7.5YR5/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
80		GC		(GC) 79.9'-81.6' Brown (7.5YR5/4); **CLAYEY GRAVEL**; Wet; Compact; Medium plasticity; Subangular to subrounded gravel with maximum 1.5" diameter; Trace fine grained sand; Odorless; Strong HCL reaction.	0.0	
		CL-ML		(CL-ML) 81.6'-85.6' Reddish brown (5YR4/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Trace fine grained poorly graded sand; Odorless; No HCL reaction.	0.0	
85		GC-GM		(GC-GM) 85.6'-86.3' Brown (7.5YR5/4); **SILTY CLAYEY GRAVEL**; Wet; Compact; Low plasticity clay; Subangular to subrounded gravel with maximum 3/4" diameter; Few fine grained sand; Odorless; Strong HCL reaction.	0.0	Hydrated bentonite chips (86'-88')
		CL		(CL) 86.3'-88' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Trace subrounded gravel with maximum 1" diameter; odorless; No HCL reaction in matrix; Strong HCL reaction in gravel.		#60 Sand (88'-90')
90				88'-90' **Not Logged**.		
		CH		(CH) 90'-91.9' Brown (7.5YR5/4); **GRAVELLY FAT CLAY**; Moist; Stiff; Massive; High plasticity; Some subangular to subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; No HCL reaction to matrix; Strong HCL reaction to gravel.	0.0	#1C Sand (90'-102.65')
		ML			0.0	

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NERT MONITORING WELL - 2 CASING(STICKUP) - GINT STD US.GDT - 12/28/17 12:35 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-251

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
95		ML		(ML) 91.9'-94.9' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction. *(continued)*		
		CL		(CL) 94.9'-104' Brown (7.5YR5/4); **Lean CLAY**; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction in matric; Strong HCL reaction in gravel.	0.0 0.0	2-inch Sch 80 PVC well screen, 0.010" slot (92.5'-102.5')
100	GW-100					
105		ML		(ML) 104'-108' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Massive; No plasticity; Little fine grained sand; Odorless; No HCL reaction.		Cement - 5% bentonite slurry (102.65'-112')
110		CL-ML		(CL-ML) 108'-112' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1/2" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel; Areas of weak cementation.		

NERT MONITORING WELL - 2 CASING(STICKUP) - GINT STD US.GDT - 12/28/17 12:35 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-252

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/23/17 **COMPLETED** 8/25/17
GROUND ELEVATION 1805.604 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING 1808.284 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING 26717338.141
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING 828248.522
NOTES NA

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
-5						
0				0'-13' **Not Logged**.		Above grade stick-up
5						
10						
15		SW		(SW) 13'-15' Pale brown (5YR5/2); **Well Graded SAND with GRAVEL**; Moist; Dense; Angular to subangular sand; Fine to coarse grained sand; Some subangular gravel with maximum 1" diameter; Odorless; Strong HCL reaction. Below 14.6' - Weak HCL reaction.	0.0	
		SP-SM		(SP-SM) 15'-15.8' Light brown (5YR5/6); **Poorly Graded SAND with SILT**; Moist; Compact; Subrounded sand; Fine to coarse grained sand; Trace subangular gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.6 0.0 0.4	
20		SP		(SP) 15.8'-28' Grayish brown (5YR3/2); **Poorly Graded SAND**; Wet; Loose; Subangular sand; Fine to coarse grained sand; Few subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction. Below 16.5' - Light brown (5YR5/6); Moist; Compact; Fine grained sand.	0.0 0.0 0.0	2-inch Sch 80 PVC blank casing (0'-132.5')
25						

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NERT MONITORING WELL(STICKUP) - GINT STD US.GDT - 12/28/17 12:36 - P:\GINTNERT\2017 - 3RD MOBILIZATIONNERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
25		SP		(SP) 15.8'-28' Grayish brown (5YR3/2); **Poorly Graded SAND**; Wet; Loose; Subangular sand; Fine to coarse grained sand; Few subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction. *(continued)*	0.0 0.0	
30		SP-SM		(SP-SM) 28'-32.5' Light brown (5YR5/6); **Poorly Graded SAND with SILT**; Moist; Compact; Fine grained sand; Odorless; No HCL reaction.	0.0 0.0	
35		SM		(SM) 32.5'-38.8' Light brown (5YR5/6); **SILTY SAND**; Moist; Compact; Fine grained sand; Few subangular gravel with maximum 2.75" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel; Caliche present.	0.0 0.0 0.0	
40		SC-SM		(SC-SM) 38.8'-41' Light brown (5YR5/6); **SILTY CLAYEY SAND with GRAVEL**; Moist; Compact; Fine grained sand; Little subangular to subrounded gravel with maximum 1.5" diameter; Low plasticity; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
45		SC-SM		(SC-SM) 41'-48' Light brown (5YR5/6); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Medium plasticity; Odorless; Weak HCL reaction.	0.0 0.0 0.0 0.0	Cement - 5% bentonite slurry (2'-125')
				48'-50' **Not Logged**.		
50		SW		(SW) 50'-50.7' Dark yellowish brown (10YR5/4); **Well Graded SAND**; Wet; Loose; Angular to subangular sand; Fine to coarse grained sand; Few subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.0	
	SS-53	SM		(SM) 50.7'-54.6' Moderate yellowish brown (10YR5/4); **SILTY SAND**; Wet; Compact; Subangular to subrounded grains; Fine grained sand; Trace gravel with maximum 1.5" diameter; Low plasticity; Odorless; Weak HCL reaction.	0.0	
55		SC-SM		(SC-SM) 54.6'-58' Light brown (5YR5/6); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Medium plasticity; Odorless; Weak HCL reaction in matrix; Strong HCL reaction on gravel.	0.0 0.0	
				58'-60' **Not Logged**.		

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NERT MONITORING WELL(STICKUP) - GINT STD US.GDT - 12/28/17 12:36 - P:\GINTNERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
60				58'-60' **Not Logged**. *(continued)*	0.0	
		SC-SM		(SC-SM) 60'-61' Light brown (5YR5/6); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Medium plasticity; Odorless; Weak HCL reaction in matrix; Strong HCL reaction on gravel.	0.0	
		SP-SM		(SP-SM) 61'-63.5' Moderate yellowish brown (10YR5/4); **Poorly Graded SAND with SILT**; Moist; Compact; Subangular to subrounded grains; Fine grained sand; No plasticity; odorless; Weak to strong HCL reaction.	0.0	
	SS-63					
		SP-SM				
65				(SP-SM) 63.5'-64.3' Moderate yellowish brown (10YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Wet; Compact; Fine grained sand; Some subangular to subrounded gravel with maximum 2" diameter; No plasticity; Odorless; Strong HCL reaction.	0.0	
		SP-SM				
		SP-SM		(SP-SM) 64.3'-66.2' Moderate yellowish brown (10YR5/4); **Poorly Graded SAND with SILT**; Moist; Compact; Subangular to subrounded grains; Fine grained sand; No plasticity; odorless; Weak to strong HCL reaction.	0.0	
		SP				
				(SP-SM) 66.2'-67' Moderate yellowish brown (10YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Wet; Compact; Fine grained sand; Some subangular to subrounded gravel with maximum 2" diameter; No plasticity; Odorless; Strong HCL reaction.		
70		SW-SM				
				(SP) 67'-68' Dark yellowish brown (10YR4/2); **Poorly Graded SAND**; Wet; Compact; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.0	
	SS-73					
				68'-70' **Not Logged**.	0.0	
		CH		(SW-SM) 70'-70.9' Grayish red (5YR4/2); **Well Graded SAND with SILT and GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Little subangular gravel with maximum 1" diameter; Odorless; No HCL reaction.		
75					0.0	
				(CH) 70.9'-78' Dark yellowish orange (10YR6/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction; Trace caliche nodules.	0.0	
				78'-80' **Not Logged**.		
80						
		CH		(CH) 80'-80.4' Dark yellowish orange (10YR6/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction; Trace caliche nodules.	0.0	
		GC-GM			0.0	
	SS-83	CH		(GC-GM) 80.4'-80.7' Moderate yellowish brown (10YR6/6); **SILTY CLAYEY GRAVEL**; Wet; Firm; Massive; High plasticity; Subangular to subrounded grains; Maximum 2" diameter gravel; Trace fine grained sand; Odorless; Strong HCL reaction.	0.0	
85				(CH) 80.7'-85.6' Dark yellowish orange (10YR6/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction; Trace caliche nodules.	0.0	
		GC-GM		(GC-GM) 85.6'-86.1' Moderate yellowish brown (10YR6/6); **SILTY CLAYEY GRAVEL**; Wet; Firm; Massive; High plasticity; Subangular to subrounded grains; Maximum 2" diameter gravel; Trace fine grained sand; Odorless; Strong HCL reaction.	0.0	
		CH				
		SC-SM		(CH) 86.1'-87.3' Dark yellowish orange (10YR6/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction; Trace caliche nodules.		
90				(SC-SM) 87.3'-88' Moderate yellowish brown (10YR5/4); **SILTY CLAYEY SAND**: Wet; Compact; Low plasticity; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.0	
		CH		88'-90' **Not Logged**.		
	SS-93	CH		(CH) 90'-91.5' Light brown (5YR5/6); **FAT CLAY with GRAVEL**; Wet; Soft; Massive; High plasticity; Little subangular to subrounded gravel	0.0	

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NERT MONITORING WELL(STICKUP) - GINT STD US.GDT - 12/28/17 12:36 - P:\GINTNERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				with maximum 2" diameter; Trace fine grained sand; Odorless; No HCL reaction in matrix; Strong HCL reaction on gravel.		
95		CH		(CH) 91.5'-96.6' Light brown (5YR5/6); **FAT CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Trace caliche nodules; Odorless; No HCL reaction in matrix; Strong HCL reaction on caliche nodules. *(continued)*	0.0	
		ML		(ML) 96.6'-98' Light brown (5YR5/6); **SILT with SAND**; Wet; Soft; Massive; No plasticity; Little fine grained sand; Odorless; Strong HCL reaction; Moderate cementation throughout.	0.0	
				98'-100' **Not Logged**.		
100		CL-ML		(CL-ML) 100'-104.5' Moderate yellowish brown (10YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; Weak HCL reaction.		
	SS-103					
105		ML		(ML) 104.5'-106.4' Moderate yellowish brown (10YR5/4); **SILT with SAND**; Moist; Soft; Massive; No plasticity; Little fine grained sand; Odorless; Moderate cementation; No HCL reaction in matrix; Strong HCL reaction on cementation.		
		SM		(SM) 106.4'-108' Moderate yellowish brown (10YR5/4); **SILTY SAND**; Moist; Dense; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded; Odorless; Moderate HCL reaction.		
				108'-110' **Not Logged**.		
110		CL-ML		(CL-ML) 110'-111.3' Light brown (7.5YR6/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 3/4" diameter; Odorless; Weak HCL reaction on matrix; Moderate to strong HCL reaction on gravel.	0.0	
	SS-113	ML		(ML) 111.3'-114' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; No to low plasticity; Little fine grained sand; Odorless; No HCL reaction.	0.0	
115		CH		(CH) 114'-118' Strong brown (7.5YR5/6); **FAT CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction in matrix; Strong HCL reaction on weakly cemented areas.	0.0	
					0.0	
				118'-120' **Not Logged**.		
120		CL-ML		(CL-ML) 120'-121.5' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Low plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction in matrix; Strong HCL reaction on gravel.	0.0	
	SS-123	GC-GM		(GC-GM) 121.5'-123.4' Brown (7.5YR5/4); **SILTY CLAYEY GRAVEL**; Wet; Dense; Subangular to subrounded gravel with maximum 2" diameter; Low plasticity; Odorless; Moderate HCL reaction.	0.0	
125		CL-ML		(CL-ML) 123.4'-128' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Low plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction in matrix; Strong HCL reaction on gravel.	0.0	Hydrated bentonite chips (125'-127.9')
					0.0	

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NERT MONITORING WELL(STICKUP) - GINT STD US.GDT - 12/28/17 12:36 - P:\GINTNERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-252

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				128'-130' **Not Logged**.		#60 Sand (127.9'-130')
130		CL-ML		(CL-ML) 130'-133' Brown (7.5YR5/4); **GRAVELLY SILTY CLAY**; Wet; Firm; Massive; Low plasticity; Some subangular to subrounded gravel with maximum 2" diameter; Few fine grained sand; Odorless; No HCL reaction in matrix; Moderate HCL reaction on gravel.	0.0	
135	SS-135	CL-ML		(CL-ML) 133'-139.1' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; MAssive; Medium to high plasticity; trace fine grained sand; Trace subangular to subrounded gravel with maximum 2" diameter; odorless; No HCL reaction in matrix; Strong HCL reaction on gravel.	0.0 0.0 0.0	#3 Sand (130'-142.8')
140	GW-150	CL-ML		(CL-ML) 139.1'-142.8' Brown (7.5YR5/4); **SILTY CLAY with GRAVEL**; Moist; Firm; Massive; Medium plasticity; Few subangular to subrounded gravel with maximum 1.5" diameter; Trace fine grained sand; Odorless; Strong HCL reaction.	0.0	2-inch Sch 80 PVC well screen, 0.010" slot (132.5'-142.5')

NERT MONITORING WELL(STICKUP) - GINT STD US.GDT - 12/28/17 12:36 - P:\GINTNERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

WELL NUMBER M-253

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/4/17 **COMPLETED** 10/4/17
GROUND ELEVATION 1812.16 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING M-253-60: 1811.448 ft MSL / M-253-100: 1811.561 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING M-253-60: 26717303.678 / M-253-100: 26717304.007
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING M-253-60: 828432.154 / M-253-100: 828432.158
NOTES Shallow monitoring well: M-253-60. Deep monitoring well: M-253-100.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-14.5' **Not Logged**.		Locking Well Cap
15				14.5'-18' **No Recovery**; A cobble was cemented in the shoe of the drill rod which cause no recovery.		
20		SM		(SM) 18'-22.2' Dark brown (7.5YR3/4); **SILTY SAND with GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Well graded sand; Some subangular gravel with maximum 2" diameter; Odorless; Weak HCL reaction on matrix; Moderate HCL reaction on gravel.	0.5	2-inch Sch 80 PVC blank casing
				Below 21.4' - Very pale brown (10YR8/3).	0.3	
25		SP-SM		(SP-SM) 22.2'-28' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Compact; Subangular to subrounded sand; Fine to coarse grained sand; Few subangular gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Weak HCL reaction on gravel.	0.8 0.4	
30		SM		(SM) 28'-45.9' Strong brown (7.5YR5/6); **SILTY SAND**; Wet; Loose; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.7 0.0	Cement - 5% bentonite slurry (2'-53')

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				(SM) 28'-45.9' Strong brown (7.5YR5/6); **SILTY SAND**; Wet; Loose; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction. *(continued)*	0.1	
					0.6	
35					0.0	
					0.4	
		SM			0.1	
40					0.8	
					0.2	
45					0.8	
		SC-SM		(SC-SM) 45.9'-48' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Soft; Low plasticity; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	2.1	
		GC-GM		(GC-GM) 48'-48.9' Brown (7.5YR5/3); **SILTY CLAYEY GRAVEL with SAND**; Wet; Compact; Subangular to subrounded gravel with maximum 2" diameter; Some fine grained sand; Odorless; Strong HCL reaction.	0.1	
50					0.1	
				(SC-SM) 48.9'-58' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Soft; Low plasticity; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.1	
		SC-SM			0.2	
55					0.4	Hydrated bentonite chips (53'-56')
					0.6	#60 Sand (56'-58')
		SP-SM		(SP-SM) 58'-59' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Moist; Loose; Fine grained sand; Little subangular to subrounded gravel with maximum 1" diameter; Odorless; Strong HCL reaction.	0.5	
60	GW-60	SP-SM		(SP-SM) 59'-61' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Wet; Loose; Subangular to subrounded sand; Fine to medium grained sand; Odorless; No HCL reaction. Below 60.1' - Fine to coarse grained sand; Trace subrounded gravel with maximum 1" diameter.	0.3	#1C Sand (58'-71')
		SC-SM		(SC-SM) 61'-66.3' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Soft; Low plasticity; Fine grained sand; Poorly graded sand; Odorless;	0.3	

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SC-SM		No HCL reaction.66.3 (SC-SM) 61'-66.3' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Soft; Low plasticity; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.66.3 *(continued)*	0.3	2-inch Sch 80 PVC well screen, 0.010" slot (61'-71')
		SC-SM		(SC-SM) 66.3'-68' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Wet; Loose; Fine grained sand; Poorly graded sand; Little subangular to subrounded gravel with maximum 1.25" diameter; Odorless; Strong HCL reaction.	0.7	
70		SC-SM		(SC-SM) 68'-71.6' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Soft; Low plasticity; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction.66.3 Below 70' - Wet.	0.6	
					0.4	
		SP-SM		(SP-SM) 71.6'-77.2' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Wet; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Odorless; Strong HCL reaction. Below 73.5' - Moist; Loose; Fine to medium grained sand; No HCL reaction.	0.4	
75					0.2	
		SP		(SP) 77.2'-78' Brown (7.5YR4/4); **Poorly Graded SAND**; Wet; Loose; Fine to coarse grained sand; Odorless; No HCL reaction.	0.2	
		SC-SM		(SC-SM) 78'-79.1' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; COmpact; Fine to medium grained sand; Poorly graded sand; Odorless; Strong HCL reaction.	1.0	
80		SW-SM		(SW-SM) 79.1'-80.6' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	1.1	
					0.2	Cement - 5% bentonite slurry (71'-93')
		CH		(CH) 80.6'-94.2' Strong brown (7.5YR5/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	
85					0.0	
					0.1	
					0.0	
90					0.0	
					0.0	
95		CL-ML		(CL-ML) 94.2'-111.5' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Moderate HCL reaction on areas of weak cementation.	0.0	Hydrated bentonite chips (93'-96')
					0.0	#60 Sand (96'-98')

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	GW-100	CL-ML		(CL-ML) 94.2'-111.5' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Moderate HCL reaction on areas of weak cementation. *(continued)*	0.4	
					0.5	#1C Sand (98'-111.5')
					0.3	
105				Below 103.9' - Few fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Strong HCL reaction.		
				Below 105.1' - Trace fine grained sand; No gravel; No HCL reaction on matrix; Moderate HCL reaction on areas of weak cementation.	0.2	
				Below 106.1' - Few fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Strong HCL reaction.		2-inch Sch 80 PVC well screen, 0.010" slot (101'-111')
				Below 107.1' - Trace fine grained sand; No gravel; No HCL reaction on matrix; Moderate HCL reaction on areas of weak cementation.	0.2	
110						

NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-254

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/28/17 **COMPLETED** 8/30/17
GROUND ELEVATION 1812.254 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING 1811.861 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING 26717293.502
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING 828434.117
NOTES NA

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-18' **Not Logged**.		Locking Well Cap
20		SM		(SM) 18'-21.9' Dark brown (7.5YR3/4); **SILTY SAND with GRAVEL**; Wet; Dense; Fine to coarse grained sand; Subangular to subrounded sand; Well graded; Some subangular gravel with maximum 2" diameter.	0.0 0.3	2-inch Sch 80 PVC blank casing (0'-138.5')
25		SP-SM		(SP-SM) 21.9'-28' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Dense; Fine to coarse grained sand; Subangular to subrounded sand grains; Few subangular gravel with maximum 1" diameter; Odorless; No HCL reaction in matrix; Weak HCL reaction in gravel.	1.1 0.2 0.6	
30		SM		(SM) 28'-45.4' Strong brown (7.5YR5/6); **SILTY SAND**; Moist to wet; Loose; Fine grained sand; Poorly graded; Odorless; No HCL reaction.	0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SM		(SM) 28'-45.4' Strong brown (7.5YR5/6); **SILTY SAND**; Moist to wet; Loose; Fine grained sand; Poorly graded; Odorless; No HCL reaction. *(continued)*	0.0	Cement - 5% bentonite slurry (2'-130.5')
35					0.0	
					0.0	
					0.0	
40				Below 39.3' - Wet; Moderate to strong HCL rection; Weakly cemented nodules throughout.	0.0	
					0.0	
					0.0	
45				Below 44.3' - Strong HCL reaction; Weak to moderate cementation.	0.0	
		SC-SM		(SC-SM) 45.4'-68' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Poorly graded; Low plasticity; Odorless; No HCL reaction.	0.0	
50					0.0	
					0.0	
	SS-53				0.0	
55				Below 53.4' - Wet; Strong HCL reaction; Weak to moderate cementation. Below 53.8' - Moist; No HCL reaction; No cementation.	0.0	
					0.0	
					0.0	
60					0.0	
					0.0	
	SS-63				0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SC-SM		(SC-SM) 45.4'-68' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Poorly graded; Low plasticity; Odorless; No HCL reaction. *(continued)*	0.0	
				Below 64.6' - Wet; Strong HCL reaction; Weak to strong cementation.		
				Below 67' - Moist; No HCL reaction; No cementation.	0.0	
				68'-70' **Not Logged**.		
70		SC-SM		(SC-SM) 70'-72' Brown (7.5YR5/3); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Poorly graded; Low plasticity; Odorless; No HCL reaction.	0.0	
	SS-73	SP-SM		(SP-SM) 72'-73.1' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Wet; Loose to compact; Fine to coarse grained sand; Subangular to subrounded grains; Poorly graded; Little gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.0	
75		SP-SM		(SP-SM) 73.1'-78' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded; Odorless; No HCL reaction.	0.0	
				Below 77.6' - Brown (7.5YR4/4).	0.0	
				78'-80' **Not Logged**.		
80		SC-SM		(SC-SM) 80'-81.5' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.0	
	SS-83	CH		(CH) 81.5'-88' Strong brown (7.5YR5/6); **FAT CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.	0.0	
85					0.0	
					0.0	
				88'-90' **Not Logged**.		
90		CL-ML		(CL-ML) 90'-98' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm' Massive; Medium plasticity; Few fine grained sand; Odorless; Moderate to strong HCL reaction.	0.0	
	SS-93			Below 91.9' - Stiff; Medium to high plasticity; Trace fine grained sand.	0.0	
95					0.0	
					0.0	
				98'-100' **Not Logged**.		

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				98'-100' **Not Logged**. *(continued)*		
100		ML		(ML) 100'-101.4' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction.	0.0	
		SC-SM		(SC-SM) 101.4'-103.2' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Compact; Fine grained sand; Poorly graded; Odorless; No HCL reaction; Moderate to strong cementation.	0.0	
	SS-103					
105		CL-ML		(CL-ML) 103.2'-106.1' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Odorless; No HCL reaction in matrix; Moderate HCL reaction in cemented areas.	0.0	
		SM		(SM) 106.1'-106.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Fine grained sand; Poorly graded; Odorless; No HCL reaction.	0.0	
		CL-ML		(CL-ML) 106.5'-108' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Few fine grained sand; Odorless; No HCL reaction.		
				108'-112' **Not Logged**.		
110		SP-SM		(SP-SM) 112'-113' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Moist; Compact; Fine grained sand; Poorly graded; Odorless; Weak to strong HCL reaction.		
		SM		(SM) 113'-113.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Well graded; Trace gravel with maximum 1/2" diameter; Odorless; Weak to strong HCL reaction.		
115	SS-115	ML		(ML) 113.5'-118' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Weak to strong HCL reaction on cemented areas.		
				118'-120' **Not Logged**.		
120				(ML) 120'-130' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Weak to strong HCL reaction on cemented areas.		
	SS-123					
125		ML		Below 125.4' - No to low plasticity.		
				Below 126.5' - Low plasticity.		
130				130'-132' **Not Logged**.		Hydrated bentonite chips (130.5'-134.1')
		ML				

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TETRA TECH, INC.

WELL NUMBER M-254

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135	SS-135	ML		(ML) 132'-136.2' Brown (7.5YR4/4); **SILT with SAND**; Moist; Firm; Massive; No to low plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 2" diameter; odorless; No HCL reaction in matrix; Moderate HCL reaction in gravel. *(continued)*		#60 Sand (134.1'-135.8')
		CL-ML		(CL-ML) 136.2'-138' Brown (7.5YR5/4); **SILTY CLAY**; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.		
				138'-140' **Not Logged**.		
140				(CL-ML) 140'-150.7' Brown (7.5YR5/4); **SILTY CLAY**; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.		#3 Sand (135.8'-150.7')
	SS-143					2-inch Sch 80 PVC well screen, 0.010" slot (138.5'-148.5')
145		CL-ML				
150	GW-150					

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TETRA TECH, INC.

WELL NUMBER M-255

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/16/17 **COMPLETED** 10/16/17
GROUND ELEVATION 1812.765 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING M-255-60: 1812.788 ft MSL / M-255-100: 1812.497 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING M-255-60: 26717580.623 / M-255-100: 26717580.833
LOGGED BY C. Mowbray/C Chau **CHECKED BY** J. Walker
EASTING M-255-60: 828228.968 / M-255-100: 828229.018
NOTES Shallow monitoring well: M-255-60. Deep monitoring well: M-255-100.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-18' **Not Logged**.		Locking Well Cap
20		SW-SM		(SW-SM) 18'-24.3' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Dense; Subangular grains; Fine to coarse grained sand; Little gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction.	0.1 0.2 0.1	2-inch Sch 80 PVC blank casing
25		SW		(SW) 24.3'-33.9' Brown (7.5YR4/4); **Well Graded SAND with GRAVEL**; Moist; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Some subangular gravel with maximum 3.25" diameter; Odorless; Strong HCL reaction. Below 28' - Dark brown (7.5YR3/4); Little gravel with maximum 3/4" diameter.	0.0 0.1 0.1	Cement - 5% bentonite slurry (2'-53')
30						

NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SW		(SW) 24.3'-33.9' Brown (7.5YR4/4); **Well Graded SAND with GRAVEL**; Moist; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Some subangular gravel with maximum 3.25" diameter; Odorless; Strong HCL reaction. *(continued)*	1.0 1.1	
35		SM		(SM) 33.9'-36.3' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Moist; Dense; Subangular to subrounded sand; Fine to medium grained sand; Trace subangular gravel with maximum 1/2" diameter; Odorless; Weak HCL reaction.	0.8	
		SP		(SP) 36.3'-38' Brown (7.5YR5/4); **Poorly Graded SAND**; Wet; Dense; Subangular to subrounded grains; Fine to medium grained sand; Trace subangular gravel with maximum 1/2" diameter; Odorless; Weak HCL reaction.	0.0	
40		CL-ML		(CL-ML) 38'-43.1' Strong brown (7.5YR5/6); **SANDY SILTY CLAY**; Wet; Stiff; Massive; Low plasticity; Some subangular fine to medium grained sand; Odorless; Weak HCL reaction.	0.0 0.0	
	SS-43	SM		(SM) 43.1'-44' Strong brown (7.5YR5/6); **SILTY SAND**; Wet; Dense; Subangular grains; Well graded sand; Fine to coarse grained sand; trace subangular gravel with maximum 1" diameter; Odorless; Weak HCL reaction.	0.0	
45		CL-ML		(CL-ML) 44'-48' Strong brown (7.5YR5/6); **SANDY SILTY CLAY**; Wet; Stiff; Massive; Low plasticity; Some subangular fine to medium grained sand; Odorless; Weak HCL reaction.	0.0 0.0	
				48'-50' **Not Logged**.		
50		CL-ML SM CL-ML		(CL-ML) 50'-50.6' Strong brown (7.5YR5/6); **SANDY SILTY CLAY**; Wet; Stiff; Massive; Low plasticity; Some subangular fine to medium grained sand; Odorless; Weak HCL reaction. (SM) 50.6'-51' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Wet; Dense; Subangular grains; Poorly graded sand; Fine to medium grained sand; Some gravel with maximum 2" diameter; Odorless; Strong HCL reaction on gravel; Weak HCL reaction on matrix.	0.0 0.0	
	SS-53					
55		SM		(CL-ML) 51'-53' Strong brown (7.5YR5/6); **SANDY SILTY CLAY**; Wet; Stiff; Massive; Low plasticity; Some subangular fine to medium grained sand; Odorless; Weak HCL reaction. (SM) 53'-58' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Wet; Dense; Subangular to subrounded sand; Poorly graded sand; Fine grained sand; Little subangular gravel with maximum 3" diameter; Odorless; Weak HCL reaction.	0.0 0.0	Hydrated bentonite chips (53'-56') #60 Sand (56'-58')
				58'-60' **Not Logged**.		
60	GW-60					#1C Sand (58'-71')
		SM		(SM) 60'-66' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Wet; Firm; Massive; Low plasticity; Subangular to subrounded grains; Poorly graded sand; Fine grained sand; Little gravel with maximum 1.5" diameter; Odorless; Weak HCL reaction.	0.0	
	SS-63				0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM			0.0	2-inch Sch 80 PVC well screen, 0.010" slot (60.5'-70.5')
		SC-SM		(SC-SM) 66'-68' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Dense; Poorly graded sand; Fine grained sand; Low plasticity; Odorless; No HCL reaction.	0.0	
				68'-70' **Not Logged**.		
70		SC-SM		(SC-SM) 70'-70.6' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Wet; Dense; Poorly graded sand; Fine to medium grained sand; Little subangular gravel; Medium plasticity; Odorless; Weak HCL reaction.	0.0	
	SS-73	SC-SM		(SC-SM) 70.6'-73' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Dense; Subrounded sand; Poorly graded sand; Fine and coarse grained sand; Odorless; No HCL reaction.	0.0	
75		SP-SM		(SP-SM) 73'-76.2' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Wet; Dense; Subangular to subrounded grains; Poorly graded sand; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
		SP-SC		(SP-SC) 76.2'-78' Brown (7.5YR4/4); **Poorly Graded SAND with SILTY CLAY**; Wet; Dense; Medium plasticity; Subangular to subrounded grains; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
				78'-80' **Not Logged**.		
80		SC-SM		(SC-SM) 80'-88' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Compact; Subangular to subrounded grains; Poorly graded sand; Fine to medium grained sand; Medium plasticity; Odorless; Weak HCL reaction.	0.0	Cement - 5% bentonite slurry (71'-93')
	SS-83			Below 81.9' - Strong brown (7.5YR5/6); Trace subangular gravel with maximum 1" diameter; Strong HCl reaction on gravel; Weak HCL reaction on matrix.	0.0	
85				Below 84.8' - Brown (7.5YR5/4); No gravel; Weak HCL reaction.	0.0	
					0.0	
				88'-90' **Not Logged**.		
90		SM		(SM) 90'-92.4' Brown (7.5YR5/4); **SILTY SAND**; Moist; dense; Subangular to subrounded grains; Poorly graded sand; Fine to medium grained sand; Medium plasticity; Odorless; No HCL reaction.	0.0	
	SS-93	CL-ML		(CL-ML) 92.4'-93.3' Brown (7.5YR5/3); **SILTY CLAY**; Wet; Stiff; Massive; High plasticity; Subangular to subrounded sand; Poorly graded sand; Fine grained sand; Trace subangular gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction.	0.0	
95		SM		(SM) 93.3'-96.6' Brown (7.5YR5/3); **SILTY SAND**; Moist; Dense; Subangular to subrounded grains; Poorly graded sand; Fine to medium grained sand; Medium plasticity; Odorless; No HCL reaction.	0.0	Hydrated bentonite chips (93'-96')
		CL-ML		(CL-ML) 96.6'-98' Brown (7.5YR5/3); **SILTY CLAY**; Moist; Stiff; Massive; High plasticity; Odorless; No HCL reaction.	0.0	#60 Sand (96'-98')
				98'-100' **Not Logged**.		

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TETRA TECH, INC.

WELL NUMBER M-255

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				98'-100' **Not Logged**. *(continued)*		
100	GW-100					
		CL-ML		(CL-ML) 100'-104' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Stiff; Massive; Medium plasticity; Little fine grained sand; Odorless; Strong HCL reaction.	0.0	
	SS-103				0.0	#1C Sand (98'-110.8')
105		CL-ML		(CL-ML) 104'-108' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; High plasticity; trace fine grained sand; Odorless; No HCL reaction.	0.0	2-inch Sch 80 PVC well screen, 0.010" slot (100'-110')
					0.0	
				108'-110.8' **Not Logged**.		
110						

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WELL NUMBER M-256

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/22/17 **COMPLETED** 9/22/17
GROUND ELEVATION 1812.257 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING M-256-60: 1811.797 ft MSL / M-256-100: 1811.838 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING M-256-60: 26717598.615 / M-256-100: 26717598.148
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING M-256-60: 828399.990 / M-256-100: 828400.160
NOTES Shallow monitoring well: M-256-60. Deep monitoring well: M-256-100.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-15' **Not Logged**.		Locking Well Cap
15		SW		(SW) 15'-18' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Moist; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1" diameter; odorless; Strong HCL reaction.	0.3 0.3	
20		SW-SM		(SW-SM) 18'-28' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Wet; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.2	2-inch Sch 80 PVC blank casing
				Below 21' - Brown (7.5YR5/4); Moist; Compact; Little gravel with maximum 1" diameter.	0.2 0.3	
25				Below 25.6' - Brown (7.5YR4/4); Wet; Dense; Little gravel with maximum 2" diameter.	0.3 0.5	Cement - 5% bentonite slurry (2'-53')
30		SW		(SW) 28'-29.6' Dark brown (7.5YR3/4); **Well Graded SAND with GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Some subrounded gravel with maximum 1/2"	0.1	

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				diameter; Odorless; Strong HCL reaction.		
		SW-SM		(SW-SM) 29.6'-36' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel. *(continued)*	1.2 0.0 0.2	
35		SP		(SP) 36'-37' Strong brown (7.5YR5/6); **Poorly Graded SAND**; Moist; Loose; Fine grained sand; Odorless; Moderate HCL reaction.	0.0	
		SM		(SM) 37'-38' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Loose; Low plasticity; Fine grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; Moderate HCL reaction.		
		ML		(ML) 38'-52.6' Strong brown (7.5YR5/6); **SANDY SILT**; Wet; Soft; Massive; Low plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0 0.1 0.0 0.0 0.0 0.0 0.0	
40						
45						
50						
		SM		(SM) 52.6'-54.6' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Wet; Firm; Low plasticity; Subangular to subrounded grains; Some gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction on matrix; Weak HCL reaction on gravel.	0.0	
55		ML		(ML) 54.6'-59.2' Strong brown (7.5YR5/6); **SANDY SILT**; Wet; Soft; Massive; Low plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0 0.0	Hydrated bentonite chips (53'-56') #60 Sand (56'-58')
60	GW-60	SM		(SM) 59.2'-62.1' Brown (7.5YR4/4); **SILTY SAND**; Wet; Compact; Fine grained sand; Poorly graded sand; Trace subrounded gravel with maximum1" diameter; Odorless; Weak HCL reaction.	0.0 0.0	#1C Sand (58'-70.5')
		SC-SM			0.0	

NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SC-SM		(SC-SM) 62.1'-69.4' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Compact; Fine grained sand Poorly graded sand; Few subangular to subrounded gravel with maximum 1" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel. *(continued)* Below 66.7' - No gravel; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.1 0.0 0.0	2-inch Sch 80 PVC well screen, 0.010" slot (60'-70')
70		SW-SM		(SW-SM) 69.4'-70.6' Brown (7.5YR4/3); **Well Graded SAND with SILT**; Wet; Compact; Angular to subangular grains; Fine to coarse grained sand; Few gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.0	
		SC-SM		(SC-SM) 70.6'-73.1' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Wet; Compact; Low plasticity; Subangular to subrounded grains; Fine to medium grained sand; Poorly graded sand; Little gravel with maximum 1.25" diameter; Odorless; Weak HCL reaction on matric; Strong HCL reaction on gravel.	0.0	
		SC-SM		(SC-SM) 73.1'-75.1' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Low plasticity; Subangular to subrounded sand; Fine to medium grained sand; Poorly graded sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
75		SP-SM		(SP-SM) 75.1'-78' Brown (7.5YR5/3); **Poorly Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to medium grained sand; Odorless; No HCL reaction. Below 76.9' - Fine to coarse grained sand.	0.1	
				78'-80' **Not Logged**.		
80		SC-SM		(SC-SM) 80'-81.6' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Compact; Low plasticity; Subangular to subrounded sand; Fine to coarse grained sand; Poorly graded sand; odorless; No HCL reaction.	0.0	
		SW-SC CL-ML		(SW-SC) 81.6'-82.1' Brown (7.5YR4/4); **Well Graded SAND with SILTY CLAY**; Wet; Loose; Low plasticity; Subangular to subrounded sand; Fine to coarse grained sand; Few subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	Cement - 5% bentonite slurry (70.5'-93.8')
85		CH		(CL-ML) 82.1'-84.6' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Fine grained sand; Odorless; No HCL reaction. (CH) 84.6'-91.8' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0 0.0 0.0 0.0 0.0	
90						
95		CL-ML		(CL-ML) 91.8'-98' Strong brown (7.5YR4/6); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0 0.0 0.0	Hydrated bentonite chips (93.8'-96') #60 Sand (96'-98')
				98'-100' **Not Logged**.		

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-256

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				98'-100' **Not Logged**. *(continued)*		
100	GW-100	CL-ML		(CL-ML) 100'-102.9' Strong brown (7.5YR4/6); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.		#1C Sand (98'-110.5')
		ML		(ML) 102.9'-104.4' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.		
105		ML		(ML) 104.4'-105.3' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity;Little angular to subangular fine to medium grained sand; Odorless; No HCL reaction.		2-inch Sch 80 PVC well screen, 0.010" slot (100'-110')
		CL-ML		(CL-ML) 105.3'-110.5' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strang HCL reaction on areas of weak cementation.		
110						

NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

WELL NUMBER M-257

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/31/17 **COMPLETED** 8/31/17
GROUND ELEVATION 1812.314 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING 1811.972 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING 26717591.509
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING 828401.507
NOTES NA

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-15' **Not Logged**.		Locking Well Cap
15		SM		(SM) 15'-16' Light brown (7.5YR6/4); **SILTY SAND**; Moist; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Well graded sand; Trace gravel with maximum 3/8" diameter; Odorless; Weak to strong HCL reaction. Below 15.8' - Caliche present.	17.1	
		SW			16.1	
					0.4	
		SW-SM		(SW) 16'-18' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Moist; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Well graded sand; LIttle gravel with maximum 3/8" diameter; Odorless; Strong HCL reaction.		
		GW-GM			0.0	
20				(SW-SM) 18'-18.9' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Dense; Subangular to subrounded grains; FIne to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.0	2-inch Sch 80 PVC blank casing (0'-140.5')
		SW-SM		(GW-GM) 18.9'-19.2' Brown (7.5YR5/4); **Well Graded GRAVEL with SILT and SAND**; Wet; Dense; Subangular to subrounded grains; Gravel with maximum 2" diameter; Some well graded fine to coarse grained sand; Odorless; Strong HCL reaction.	0.0	
25				(SW-SM) 19.2'-25.2' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Dense; Subangular to subrounded grains; FIne to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.0	
		GM				
		SW-SM		(GM) 25.2'-26.3' Brown (7.5YR5/4); **SILTY GRAVEL with SAND**; Moist; Dense; Subangular to subrounded grains; Gravel with maximum 1.5" diameter; Some Well graded fine to coarse grained sand; Odorless; Strong HCL reaction.	0.0	
		SW		(SW-SM) 26.3'-28' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Dense; Subangular to subrounded grains;	0.0	
30						

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SW-SM		FIne to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.4	Cement - 5% bentonite slurry (2'-133.5')
		SP-SM		(SW) 28'-29.8' Dark brown (7.5YR3/4); **Well Graded SAND with GRAVEL**; Wet; Dense; Subangular to subrounded sand; Fine to coarse grained sand; Some subangular to subrounded gravel with maximum 1.5" diameter; odorless; Strong HCL reaction.	1.0	
		SW-SM		(SW-SM) 29.8'-32.3' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel. *(continued)*	0.2	
35		SM		(SP-SM) 32.3'-32.9' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Moist; Compact; Subangular grains; Fine to coarse grained sand; Little gravel with maximum 1/2" diameter; Odorless; Strong HCL reaction; Weakly cemented.	1.3	
				(SW-SM) 32.9'-34.8' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction	0.0	
40				(SM) 34.8'-37.7' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Loose; Fine grained sand; Poorly graded; Trace subrounded gravel with maximum 1/2" diameter; Odorless; Moderate HCL reaction.	0.0	
		ML		(ML) 37.7'-48' Strong brown (7.5YR5/6); **SANDY SILT**; Wet; Soft; Massive; Low plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0	
45					0.0	
					0.0	
				48'-50' **Not Logged**.		
50						
		ML		(ML) 50'-52.6' Strong brown (7.5YR5/6); **SANDY SILT**; Wet; Soft; MAssive; Low plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0	
	SS-53				0.0	
		SM		(SM) 52.6'-56.3' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Wet; Dense; Fine grained sand; Poorly graded sand; Little subangular to subrounded gravel with maximum 1.5" diameter; Odorless; Moderate to strong HCL reaction.	0.0	
55				Below 55.4' - Some gravel.	0.0	
		ML		(ML) 56.3'-58' Strong brown (7.5YR5/6); **SANDY SILT**; Wet; Soft; MAssive; Low plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0	
				58'-60' **Not Logged**.		
60						
		SC-SM		(SC-SM) 60'-68' Brown (7.5YR4/4); **SILTY CLAYEY SAND**; Wet; Compact; Fine grained sand; Poorly graded sand; Trace subrounded gravel with maximum 1" diameter; Odorless; Weak HCL reaction.	0.0	
	SS-63			Below 63' - Weak HCL reaction on Matrix; Strong HCL reaction on gravel.	0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SC-SM		(SC-SM) 60'-68' Brown (7.5YR4/4); **SILTY CLAYEY SAND**; Wet; Compact; Fine grained sand; Poorly graded sand; Trace subrounded gravel with maximum 1" diameter; Odorless; Weak HCL reaction. *(continued)* Below 65.2'- Moist; No gravel; No HCL reaction on matrix; Strong HCL reaction on cemented areas; Weakly cemented areas.	0.0 0.0	
				68'-70' **Not Logged**.		
70		SC-SM		(SC-SM) 70'-74.4' Brown (7.5YR5/4); **SILTY CLAYEY SAND with GRAVEL**; Wet; Compact; Subangular to subrounded grains; Fine to medium grained sand; Little gravel with maximum 1.25" diameter; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel.	0.0 0.0 0.0	
	SS-73					
75		SC-SM		(SC-SM) 74.4'-75.2' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Subangular to subrounded sand; Fine to medium sand; Poorly graded sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
		SP-SM		(SP-SM) 75.2'-78' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded sand; Fine to coarse grained sand; Odorless; No HCL reaction.	0.0	
		SC-SM		(SC-SM) 78'-81.2' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Fine grained sand; Poorly graded sand; Odorless; No HCL reaction. Below 79.1' - Wet; Subangular to subrounded sand; Fine to coarse grained sand.	0.0	
80		SW-SM		(SW-SM) 81.2'-81.5' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded sand; Fine to coarse grained sand; Few subangular gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	
	SS-83	CL-ML		(CL-ML) 81.5'-84.6' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Soft to firm; Massive; Medium plasticity; Little fine grained sand; Odorless; No HCL reaction.	0.0	
85		CH		(CH) 84.6'-88' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.	0.0 0.0	
				88'-90' **Not Logged**.		
90		CH		(CH) 90'-95.9' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.		
	SS-93					
95		CL-ML		(CL-ML) 95.9'-98' Strong brown (7.5YR4/6); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.		
				98'-100' **Not Logged**.		

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				98'-100' **Not Logged**. *(continued)*		
100		GC-GM		(GC-GM) 100'-100.8' Brown (7.5YR5/4); **SILTY CLAYEY GRAVEL**; Wet; Dense; Subangular to subrounded grains gravel with maximum 2" diameter; Few fine grained sand; Low plasticity clay; Odorless; Strong HCL reaction.	0.0	
	SS-103	ML		(ML) 100.8'-104.8' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on weakly cemented areas.	0.0	
105		CL-ML		(CL-ML) 104.8'-108' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction in matrix; Strong HCL reaction on weakly cemented areas.	0.0 0.0	
				108'-110' **Not Logged**.		
110		ML		(ML) 110'-113.8' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity; Little fine grained sand; Odorless; No HCL reaction.	0.0 0.0	
	SS-113					
115		SW-SM		(SW-SM) 113.8'-115.6' Dark brown (7.5YR3/3); **Well Graded SAND with SILT and GRAVEL**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1" diameter; Odorless; Moderate HCL reaction.	0.0	
		CL-ML		(CL-ML) 115.6'-119' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction om weakly cemented areas.	0.0	
120				119'-121' **Not Logged**.		
	SS-123	CL-ML		(CL-ML) 121'-126.9' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0 0.0	
125					0.0	
		ML		(ML) 126.9'-128' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; No plasticity; Few fine grained sand; Trace subrounded gravel with maximum 1.25" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel and weakly cemented areas.	0.0	
				128'-130' **Not Logged**.		
130		ML ML CL-ML		(ML) 130'-130.5' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; No plasticity; Few fine grained sand; Trace subrounded gravel with maximum 1.25" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel and weakly cemented areas. (ML) 130.5'-131.2' Brown (7.5YR5/4); **GRAVELLY SILT**; Wet; Firm;		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	SS-133	CL-ML		Massive; No plasticity; Some subangular to subrounded gravel with maximum 2" diameter; Few fine grained sand; Odorless; Strong HCL reaction; Weak to strong cementation. (CL-ML) 131.2'-136.2' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction. *(continued)*		Hydrated bentonite chips (133.5'-136.5')
135		ML		(ML) 136.2'-138' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; No plasticity; Little fine grained sand; Odorless; No HCL reaction.		#60 Sand (136.5'-138')
				138'-140' **Not Logged**.		#1C Sand (138'-150.8')
140		ML		(ML) 140'-142.1' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Soft; Massive; Low plasticity; Little fine grained sand; Odorless; No HCL reaction.		
	SS-143	ML		(ML) 142.1'-146.3' Strong brown (7.5YR5/6); **SILT**; Moist; Firm; Massive; Low plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.		
145		ML		(ML) 146.3'-148' Strong brown (7.5YR5/6); **GRAVELLY SILT**; Wet; Firm; Massive; Low plasticity; Some subangular to subrounded gravel with maximum 2" diameter; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.		2-inch Sch 80 PVC well screen, 0.010" slot (140.5'-150.5')
				148'-150.8' **Not Logged**.		
150	GW-150					

NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

WELL NUMBER M-258

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/18/17 **COMPLETED** 8/22/17
GROUND ELEVATION 1812.863 ft MSL **HOLE SIZE** 6"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING 1812.594 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING 26717678.183
LOGGED BY J. Toth/C. Mowbray **CHECKED BY** J. Walker
EASTING 828672.812
NOTES NA

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-18' **Not Logged**.		Locking Well Cap
20	SS-23	SW		(SW) 18'-36' Light brown (5YR6/4); **Well Graded SAND with GRAVEL**; Moist to wet; Compact; Subangular grains; Fine to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.0	2-inch Sch 80 PVC blank casing (0'-140')
				Below 22' - Moist.	2.1	
25					0.9	
					0.7	
					0.4	
30				Below 28' - Dark yellowish brown (10YR4/2); Moist to wet; Subangular to subrounded grains; Little gravel with maximum 4" diameter.	0.9	

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				(SW) 18'-36' Light brown (5YR6/4); **Well Graded SAND with GRAVEL**; Moist to wet; Compact; Subangular grains; Fine to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction. *(continued)*	1.0	
	SS-33	SW		Below 31.9' - Moderate brown (5YR4/4); Subangular sand grains; Subangular to subrounded gravel; Moist.	0.7	
35					0.8	
		SW-SM		(SW-SM) 36'-38' Grayish orange (10YR5/4); **Well Graded SAND with SILT**; Moist; Compact; Subangular to subrounded sand grains; Fine to coarse grained sand; Trace subangular gravel with maximum 1" diameter; Odorless; Caliche present; Strong HCL reaction.	1.0	
		CL-ML		(CL-ML) 38'-50.3' Light brown (5YR5/6); **SILTY CLAY**; Moist to wet; Firm; Low to medium plasticity; Laminated; Odorless; Trace gypsum nodules; No HCL reaction.	0.0	
40					0.1	
	SS-43				0.0	
45					0.0	Cement - 5% bentonite slurry (2'-134')
				Below 48' - Moist.	0.1	
50					0.0	
		CL-ML		(CL-ML) 50.3'-53.5' Moderate brown (5YR4/4); **SILTY CLAY with GRAVEL**; Moist; Firm; Low to medium plasticity; Homogeneous; Strong HCL reaction.	0.1	
	SS-53				0.0	
		CL-ML		(CL-ML) 53.5'-56.5' Light brown (5YR5/4); **GRAVELLY SILTY CLAY**; Wet; Soft; Low to medium plasticity; Homogeneous; Odorless; Strong HCL reaction.	0.1	
55						
		CL-ML		(CL-ML) 56.5'-58' Light brown (5YR5/4); **SILTY CLAY with SAND**; Moist; Stiff; Low plasticity; Laminated; Odorless; Strong HCL reaction.	0.1	
				(CL-ML) 58'-64.6' Light brown (5YR5/6); **SILTY CLAY**; Moist to wet; Firm; Medium plasticity; Homogeneous; Odorless; Moderate HCL reaction.	0.2	
60						
		CL-ML			0.1	
	SS-63				0.1	

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL-ML		(CL-ML) 64.6'-68' Light brown (5YR5/6); **SILTY CLAY with SAND**; Moist to wet; Soft; No to low plasticity; Massive; Odorless; Strong HCL reaction.	0.0	
					0.0	
70		CL-ML		(CL-ML) 68'-75' Moderate yellowish brown (10YR5/4); **SILTY CLAY**; Moist; Firm; Medium plasticity; Homogeneous; Odorless; Trace angular caliche with maximum 1.5" diameter; Weak HCL reaction.	0.0	
	SS-73				0.0	
75					0.0	
		CL-ML		(CL-ML) 75'-78' Moderate yellowish brown (10YR5/4); **SANDY SILTY CLAY with GRAVEL**; Moist; Firm; Little subangular to subrounded, fine to coarse grained sand; Little subangular gravel with maximum 2.5" diameter; Low to medium plasticity; Odorless; Moderate to strong HCL reaction.	0.1	
					0.0	
				78'-80' **Not Logged**.		
80		CL-ML		(CL-ML) 80'-81.6' Light brown (5YR6/4); **SILTY CLAY with SAND**; Wet; Firm; Massive; Little fine grained, angular sand; Trace angular gravel with maximum 3/4" diameter; Medium plasticity; No HCL reaction with soil; Strong HCL reaction with cemented grains.	0.0	
		SP		(SP) 81.6'-82' Light brown (5YR6/4); **Poorly Graded SAND**; Wet; Compact; Subangular grains; Fine to coarse grained sand; Trace gravel; Odorless; No HCL reaction.		
	SS-83				0.0	
85		CL-ML		(CL-ML) 82'-90.1' Light brown (5YR6/4); **SILTY CLAY with SAND**; Wet; Firm; Little fine grained, angular sand; Trace angular gravel with maximum 3/4" diameter; Medium plasticity; No HCL reaction with soil; Strong HCL reaction with cemented grains.	0.0	
					0.0	
					0.0	
90				Below 88.9' - Light brown (5YR5/6); Moist; Massive; Few subangular gravel with maximum 1" diameter; Low plasticity; Odorless; No HCL reaction with fines; Strong HCL reaction with gravel.	0.0	
		CH		(CH) 90.1'-91.7' Light brown (5YR5/6); **Fat CLAY with SAND**; Moist; Firm; Few fine grained sand; Trace subangular gravel with maximum 1/4" diameter; High plasticity; Odorless; Weak HCL reaction with fines; Strong HCL reaction with gravel.	0.0	
	SS-93			(CL-ML) 91.7'-97.1' Light brown (5YR6/4); **SANDY SILTY CLAY**; Moist; Stiff; Little subangular, fine grained sand; Few subangular to subrounded gravel with maximum 1.5" diameter; Moderate HCL reaction.	0.0	
95		CL-ML			0.0	
		SM		(SM) 97.1'-98' Light brown (5YR6/4); **SILTY SAND**; Moist; Compact; Subangular grains; Fine grained sand; Trace gravel with maximum	0.0	

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				3/8" diameter; Odorless; Strong HCL reaction.	0.1	
100		CL-ML		(CL-ML) 98'-102' Light brown (5YR5/6); **SILTY CLAY**; Moist; Stiff; Massive; Few subangular, fine grained sand; Medium to high plasticity; Odorless; No HCL reaction. *(continued)*	0.2	
		CL-ML		(CL-ML) 102'-105.2' Light brown (5YR5/6); **SANDY SILTY CLAY**; Moist; Stiff; Little angular, fine grained sand; Few subrounded gravel with maximum 1/2" diameter; No to low plasticity; Odorless; Moderate HCL reaction.	0.0	
105					0.1	
		CL		(CL) 105.2'-118' Light brown (5YR5/6); **Lean CLAY**; Moist; Stiff; Massive; Few subangular, fine grained sand; Medium to high plasticity; Odorless; Caliche present; No HCL reaction.	0.1	
				Below 108' - Light brown (5YR6/4); No HCL reaction in clay; Strong HCL reaction in caliche.	0.1	
110				Below 110' - Light brown (5YR5/6).	0.0	
	SS-113			Below 112' - Light brown (5YR6/4).	0.0	
115					0.1	
					0.0	
				118'-120' **Not Logged**.		
120		CH		(CH) 120'-123' Moderate yellowish brown (10YR5/4); **Fat CLAY**; Moist; Stiff; Massive; Trace sand; Trace angular gravel with maximum 1/2" diameter; High plasticity; Odorless; No HCL reaction in fines; Strong HCL reaction in gravel.	0.0	
	SS-123				0.0	
		CL-ML		(CL-ML) 123'-125.5' Grayish orange pink (5YR7/2); **SILTY CLAY with SAND**; Moist; Stiff; Massive; Little angular, fine grained sand; Few subangular gravel with maximum 3/4" diameter; No to low plasticity; Odorless; Moderate HCL reaction.	0.0	
125					0.1	
		SW		(SW) 125.5'-125.7' Grayish orange pink (5YR7/2); **Well Graded SAND with GRAVEL**; Wet; Fine to coarse grained sand; Caliche present.		
		CL-ML		(CL-ML) 125.7'-128' Grayish orange pink (5YR7/2); **SILTY CLAY with SAND**; Moist; Stiff; Massive; Little angular, fine grained sand; Few subangular gravel with maximum 3/4" diameter; No to low plasticity; Odorless; Moderate HCL reaction.	0.1	
130		CL-ML		(CL-ML) 128'-130.8' Light brown (5YR6/4); **GRAVELLY SILTY CLAY**; Moist; Firm; Massive; Little angular gravel with maximum 3/4" diameter; Trace angular, fine grained sand; Low to medium plasticity; Odorless; Caliche present; Weak HCL reaction in fines; Strong HCL reaction in gravel.	0.0	
		CL-ML			0.0	

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NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

WELL NUMBER M-258

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	SS-133	CL-ML		(CL-ML) 130.8'-134.8' Light brown (5YR6/4); **SILTY CLAY**; Moist; Stiff; Massive; Trace angular, fine grained sand; Trace angular gravel with maximum 1/2" diameter; No to low plasticity; Odorless; Weak HCL reaction in fines; Strong HCL reaction in gravel. *(continued)*	0.0	
135		CL-ML		(CL-ML) 134.8'-135.9' Light brown (5YR6/4); **SILTY CLAY with GRAVEL**; Wet; Firm; Little subangular to subrounded gravel with maximum 2.5" diameter; Trace angular, fine grained sand; Low plasticity; Odorless; Caliche present; Weak HCL reaction in fines; Strong HCL reaction in gravel.	0.0	Hydrated bentonite chips (134'-136')
		CL-ML		(CL-ML) 135.9'-137' Light brown (5YR6/4); **SILTY CLAY**; Moist; Stiff; Massive; Trace angular, fine grained sand; Trace angular gravel with maximum 1/2" diameter; No to low plasticity; Odorless; Weak HCL reaction in fines; Strong HCL reaction in	0.0	#60 Sand (136'-138.1')
140		CL-ML		(CL-ML) 137'-145.8' Light brown (5YR6/4); **SILTY CLAY with SAND**; Moist; Stiff; Massive; Few angular, fine grained sand; Trace subangular to subrounded gravel with maximum 1/2" diameter; Low plasticity; Odorless; Weak HCL reaction in fines; Strong HCL reaction in gravel. Below 142.5' - No to low plasticity.	0.0 0.0 0.0 0.0 0.0 0.0	#3 Sand (138.1'-150.2')
	SS-143					
145		SW-SM / ML		(SW-SM) 145.8'-146.2' Moderate yellowish brown (10YR5/4); **Well Graded SAND with SILT and GRAVEL**; Wet; Compact; Angular grains; Fine to coarse grained sand; Little gravel with maximum 3/8" diameter; Odorless; Strong HCL reaction.	0.0 0.0	2-inch Sch 80 PVC well screen, 0.010" slot (140'-150')
				(ML) 146.2'-148' Light brown (5YR6/4); **SILT with SAND**; Moist; Stiff; Massive; Few angular, fine grained sand; Trace subangular to subrounded gravel with maximum 1/2" diameter; No to low plasticity; Odorless; Strong HCL reaction.	0.0	
150	GW-150			148'-150.2' **Not Logged**.		

NERT MONITORING WELL - GINT STD US.GDT - 12/28/17 12:29 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

WELL NUMBER M-259

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/26/17 **COMPLETED** 9/26/17
GROUND ELEVATION 1812.819 ft MSL **HOLE SIZE** 10"
DRILLING CONTRACTOR Walker-Hill Environmental
TOP OF CASING M-259-60: 1812.267 ft MSL / M-259-100: 1812.262 ft MSL
DRILLING METHOD Sonic Drilling
NORTHING M-259-60: 26717677.283 / M-259-100: 26717677.141
LOGGED BY J. Souza/C. Mowbray **CHECKED BY** J. Walker
EASTING M-259-60: 828661.249 / M-259-100: 828661.521
NOTES Shallow monitoring well: M-259-60. Deep monitoring well: M-259-100.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-18' **Not Logged**.		Locking Well Cap
20		SW		(SW) 18'-35.8' Light brown (7.5YR6/4); **Well Graded SAND with GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction.	0.0 0.0 0.0 0.5	2-inch Sch 80 PVC blank casing
30				Below 28' - Brown (7.5YR4/3).	0.8 0.6	Cement - 5% bentonite slurry (2'-53')

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		SW		(SW) 18'-35.8' Light brown (7.5YR6/4); **Well Graded SAND with GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1.5" diameter; Odorless; Strong HCL reaction. *(continued)* Below 31' - White (7.5YR8/1); Little gravel with maximum 1.75" diameter. Below 32' - Brown (7.5YR5/4).	0.5 0.5 0.6	
35		SP-SC		(SP-SC) 35.8'-38' Brown (7.5YR5/3); **Poorly Graded SAND with SILTY CLAY**; Moist; Loose; Subangular to subrounded sand; Fine to coarse grained sand; Trace subangular gravel with maximum 1" diameter; odorless; Strong HCL reaction.	1.3	
40		ML		(ML) 38'-47.4' Brown (7.5YR5/4); **SILT**; Moist; Firm; Massive; Low plasticity; Trace fine grained sand. Trace subangular to subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0 0.0 0.0 0.0 0.0	
45		SW		(SW) 47.4'-48' Dark brown (7.5YR3/4); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Few gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.0	
50		ML		(ML) 48'-55.6' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Firm; Massive; Low plasticity; Little subangular to subrounded gravel with maximum 1.5" diameter; Few fie grained sand; Odorless; Moderate HCL reaction on matrix; Strong HCL reaction on gravel.	0.0 0.0 0.0	
55		ML		(ML) 55.6'-59.4' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; Strong HCL reaction.	0.0 0.0	Hydrated bentonite chips (53'-56') #60 Sand (56'-58')
60	GW-60	SM		(SM) 59.4'-60.4' Strong brown (7.5YR5/6); **SILTY SAND**; Wet; Compact; Subangular to subrounded grains; Well graded sand; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction.	0.0	#1C Sand (58'-71.2')
		ML		(ML) 60.4'-63.1' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; Strong HCL reaction.	0.0	
		SP-SM		(SP-SM) 63.1'-63.9' Brown (7.5YYR5/4); **Poorly Graded SAND with**	0.0	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		**SILT and GRAVEL**; Wet; Compact; Subangular to subrounded grains; Fine to medium grained sand; Some gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	0.0	
		SP		(ML) 63.9'-66' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Massive; Low plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; Strong HCL reaction. *(continued)*	0.0	2-inch Sch 80 PVC well screen, 0.010" slot (61'-71')
70		CL-ML		(SP) 66'-68' Strong brown (7.5YR4/6); **Poorly Graded SAND with GRAVEL**; Wet; Compact; Subangular to subrounded grains; Fine to medium grained sand; Little gravel with maximum 2" diameter; Odorless; Weak HCL reaction.	0.0	
				(CL-ML) 68'-74.9' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; Weak HCL reaction.	0.0	
75					0.0	
		ML		(ML) 74.9'-78' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Firm; Massive; Low plasticity; Subangular to subrounded grains; Little gravel with maximum 2" diameter; Odorless; Weak to strong HCL reaction.	0.0	
					0.0	
		SP		(SP) 78'-78.7' Brown (7.5YR4/4); **Poorly Graded SAND**; Moist; Compact; Subangular to subrounded grains; Fine to medium grained sand; Odorless; Weak HCL reaction.	0.0	
		SW				
80		SM		(SW) 78.7'-79.9' Dark brown (7.5YR4/2); **Well Graded SAND with GRAVEL**; Wet; Dense; Angular to subangular grains; Fine to coarse grained sand; Some gravel with maximum 2" diameter; Odorless; No to weak HCL reaction.	0.0	
		SW-SM		(SM) 79.9'-82.6' Brown (7.5YR5/4); **SILTY SAND**; Wet; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.0	Cement - 5% bentonite slurry (71.2'-93')
		SM		(SW-SM) 82.6'-83.1' Brown (7.5YR4/3); **Well Graded SAND with SILT**; Wet; Compact; Angular to subangular grains; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Odorless; No HCL reaction.		
85		CL-ML		(SM) 83.1'-84.4' Brown (7.5YR5/4); **SILTY SAND**; Wet; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Poorly graded sand; Odorless; No HCL reaction.	0.0	
				(CL-ML) 84.4'-88' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	
90				88'-90' **Not Logged**.		
		CL-ML		(CL-ML) 90'-91.8' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on are	0.0	
		CL		(CL) 91.8'-98' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Massive; Moderate plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strang HCL reaction on areas of weak cementation.	0.0	Hydrated bentonite chips (93'-96')
95					0.0	
					0.0	#60 Sand (96'-98')
		CH				

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NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

TETRA TECH, INC.

WELL NUMBER M-259

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	GW-100	CH		(CH) 98'-99.6' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction. *(continued)*		#1C Sand (98'-111')
		ML		(ML) 99.6'-102.7' Brown (7.5YR5/4); **SANDY SILT**; Moist; Firm; Massive; Low plasticity; Some fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.		
105		CH		(CH) 102.7'-108' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.		2-inch Sch 80 PVC well screen, 0.010" slot (100.5'-110.5')
110				108'-111' **Not Logged**.		

NERT MONITORING WELL - 2 CASING - GINT STD US.GDT - 12/28/17 12:32 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-74

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/28/17 **COMPLETED** 10/12/17
GROUND ELEVATION 1813.612 ft MSL
DRILLING CONTRACTOR Cascade
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717522.511
LOGGED BY C. Mowbray/D. Zur **CHECKED BY** J. Walker
EASTING 828611.476
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0	0				0'-20' **Not Logged**.		
		SS-1.5					
5		SS-3.5					
	5						
10		SS-7					
	10						
15		SS-10.5					
20		SS-14					
	15	SS-15			(SW-SM) 20'-40' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction.	1.0	
						1.5	
25		SS-17.5	SW-SM			1.6	
	20	SS-20				4.7	
30						5.6	

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NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30							
		SS-22.5	SW-SM		(SW-SM) 20'-40' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; Strong HCL reaction. *(continued)* Below 30' - Brown (7.5YR4/3); Little gravel with maximum 4" diameter.	17.8	Cement - 5% bentonite slurry
						27.7	
35	25	SS-25				13.0	
						14.8	
		SS-27.5				22.7	
40			SP-SM		(SP-SM) 40'-43' Brown (7.5YR5/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Odorless; Weak HCL reaction.	5.0	
	30	SS-30					
			SM		(SM) 43'-48.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subangular to subrounded grains; Poorly graded sand; Fine to coarse grained sand; Low plasticity; Odorless; No HCL reaction.	1.8	
45						1.6	
		SS-32.5				0.8	
	35	SS-35	SC-SM		(SC-SM) 48.5'-53' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Poorly graded sand; Fine grained sand; Low plasticity; Odorless; No HCL reaction.	0.5	
50							
		SS-37.5					
			CL-ML		(CL-ML) 53'-60' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Soft; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of cementation.	0.1	
55	40	SS-40					
					Below 59' - Trace gravel with maximum 2" diameter.		
60		SS-42.5					
			SC-SM		(SC-SM) 60'-64' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Wet; Loose; Subangular to subrounded grains; Poorly graded sand; Fine to coarse grained sand; Trace gravel with maximum 1" diameter; Odorless; Weak HCL reaction.	0.2	Hydrated bentonite chips
	45	SS-45				0.2	

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NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65					(CL-ML) 64'-70' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Firm; Massive; Low plasticity; Few subangular to subrounded fine to medium grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction. *(continued)*		#3 Sand
		SS-47.5	CL-ML		Below 67' - Trace gravel with maximum 3" diameter.	0.1	
70						0.1	1st Temporary well set at 71'
	50	SS-50 GW-71			(SC-SM) 70'-83' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 3" diameter; Medium plasticity; Odorless; Weak to moderate HCL reaction.	0.0	
						0.0	
75						0.0	
			SC-SM			0.0	
	55					0.0	
80						0.0	
						0.0	Cement - 5% bentonite slurry
					Below 82' - Trace gravel with maximum 2" diameter; Moderate HCL reaction.		
			SP-SM		(SP-SM) 83'-84' dark brown (7.5YR3/4); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular grains; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
85	60	SS-60			(SC-SM) 84'-88' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 2" diameter; Medium plasticity; Odorless; Moderate HCL reaction.	0.0	
			SC-SM			0.0	
			SP-SM		(SP-SM) 88'-90' Dark brown (7.5YR3/4); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular grains; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
90					(CL-ML) 90'-100' Brown (7.5YR5/4); **SILTY CLAY**; Moist; Stiff; Massive; No plasticity; Trace fine grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction on matrix; Weak HCL reaction on gravel.	0.0	Hydrated bentonite chips
	65					0.0	#3 Sand
			CL-ML				
95						0.0	
						0.0	2nd Temporary well set at 99'

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NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	70	SS-70 GW-99	CL-ML			0.0	
100					(SM) 100'-110' Brown (7.5YR4/4); **SILTY SAND**; Moist; Compact; Poorly graded sand; Fine grained sand; Medium plasticity; Odorless; No HCL reaction.	0.0	
						0.0	
105			SM			0.0	
	75					0.0	
						0.0	
110						0.0	Cement - 5% bentonite slurry
			SC-SM		(SC-SM) 110'-112.5' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Loose; Subangular to subrounded grains; Well graded sand; Fine to coarse grained sand; Trace gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.0	
	80	SS-80			(SM) 112.5'-122.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Poorly graded sand; Fine to medium grained sand; Low plasticity; Odorless; No HCL reaction.	0.0	
115						0.0	
			SM			0.0	
120	85					0.0	Hydrated bentonite chips
						0.0	#3 Sand
			CL-ML		(CL-ML) 122.5'-124' Light brown (7.5YR6/3); **SILTY CLAY with SAND and GRAVEL**; Moist; Firm; Massive; Medium plasticity; Few fine grained sand; Few subangular to subrounded gravel with maximum 2" diameter; Odorless; No HCl reaction.	0.0	
125					(SM) 124'-144' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Poorly graded sand; Fine to medium grained sand; Low plasticity; Odorless; No HCL reaction.	0.0	3rd Temporary well set at 127.3'
	90	SS-90 GW-127.3				0.0	
			SM			0.0	
130					Below 130' - Moderate HCL reaction; Caliche present.	0.0	
					Below 132' - No HCL reaction; No caliche present.		

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NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	95				(SM) 124'-144' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Poorly graded sand; Fine to medium grained sand; Low plasticity; Odorless; No HCL reaction. *(continued)* Below 133' - High plasticity.	0.0	
135						0.0	
			SM			0.6	Cement - 5% bentonite slurry
140						0.0	
	100	SS-100				0.0	
						0.0	
			CL-ML		(CL-ML) 144'-145' Brown (7.5YR5/4); **SILTY CLAY with SAND and GRAVEL**; Moist; Very soft; Massive; Low plasticity; Subangular grains; Few fine grained sand; Few gravel with maximum 1.5" diameter; odorless; Moderate HCL reaction.	0.0	
145					(SM) 145'-154' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Poorly graded sand; Fine to medium grained sand; Low plasticity; Odorless; No HCL reaction.	0.0	
	105						Hydrated bentonite chips
			SM			0.0	
150							#3 Sand
						0.0	
						0.0	4th Temporary well set at 155.6'
			SP-SM		(SP-SM) 154'-155' Brown (7.5YR5/2); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
155	110	SS-110 GW-155.6			(CL) 155'-168.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subrounded gravel with maximum 1.5" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel and areas of weak cementation.	0.0	
						0.0	
160						0.0	
			CL			0.0	
	115					0.0	
165						0.0	Cement - 5% bentonite slurry

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
			CL			0.0	
			CL-ML		(CL-ML) 168.5'-169.5' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little subrounded fine to medium grained sand; Trace subrounded gravel with maximum 3/8" diameter; Odorless; Weak HCL reaction on matrix; Moderate HCL reaction on gravel and areas of weak cementation.	0.0	
170	120	SS-120	SC-SM		(SC-SM) 169.5'-170' Brown (7.5YR/4); **SILTY CLAYEY SAND**; Moist; Compact; Subangular to subrounded grains; Poorly graded sand; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Low plasticity; Odorless; Strong HCL reaction.	0.0	
			CL		(CL) 170'-176.6' Brown (7.5YR5/3); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subrounded gravel with maximum 3/8" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel and areas of weak cementation. Below 172.1' - Brown (7.5YR5/4); Gravel with maximum 1.5" diameter.	0.0	
175						0.0	
	125						Hydrated bentonite chips
			CL-ML		(CL-ML) 176.6'-182' Brown (7.5YR5/3); **SILTY CLAY**; Firm; Massive; Medium plasticity; Few fine grained sand; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	#3 Sand
180						0.0	
						0.0	5th Temporary well set at 183.8'
			CL-ML		(CL-ML) 182'-183' Brown (7.5YR5/4); **SILTY CLAY with SAND**; Moist; Firm; Massive; Medium plasticity; Little subrounded fine to medium grained sand; Trace subrounded gravel with maximum 3/8" diameter; Odorless; Weak HCL reaction on matrix; Moderate HCL	0.0	
	130	SS-130 GW-183.8					
185			SC-SM		(SC-SM) 183'-190' Brown (7.5YR/4); **SILTY CLAYEY SAND**; Moist; Compact; Subangular to subrounded grains; Poorly graded sand; Fine to coarse grained sand; Trace gravel with maximum 3/8" diameter; Low plasticity; Odorless; Strong HCL reaction.	0.0	
						0.0	
190						0.0	
	135				(CL-ML) 190'-212' Brown (7.5YR5/3); **SILTY CLAY with SAND**; Moist; Very soft; Massive; No plasticity; Little subangular fine to medium grained sand; Odorless; No HCL reaction. Below 191.5' - Brown (7.5YR5/4); Firm; Medium plasticity; Subrounded sand; Trace subrounded gravel with maximum 3/8" diameter; Weak HCL reaction on matrix; Moderate HCL reaction on gravel.	0.0	
						0.0	Cement - 5% bentonite slurry
195			CL-ML			0.0	
	140	SS-140			Below 197' - Weak HCL reaction.	0.0	
200						0.0	

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TETRA TECH, INC.

BORING NUMBER U4U5-74

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
					Below 201' - No HCL reaction.	0.0	
					(CL-ML) 190'-212' Brown (7.5YR5/3); **SILTY CLAY with SAND**; Moist; Very soft; Massive; No plasticity; Little subangular fine to medium grained sand; Odorless; No HCL reaction. *(continued)*	0.0	
205	145				Below 205' - Caliche nodules present; Strong HCL reaction.	0.0	Hydrated bentonite chips
			CL-ML				#3 Sand
					Below 208' - No caliche present; No HCL reaction.	0.0	
210						0.0	6th Temporary well set at 212'
		SS-150 GW-212				0.0	

NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-75

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/26/17 **COMPLETED** 11/3/17
GROUND ELEVATION 1812.543 ft MSL
DRILLING CONTRACTOR Cascade
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717255.895
LOGGED BY D. Zur/C. Larkins **CHECKED BY** J. Walker
EASTING 828440.583
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0	0				0'-18' **Not Logged**.		
		SS-1					
		SS-2.5					
5							
	5	SS-5					
10							
		SS-7.5					
	10	SS-10					
15							
		SS-12.5					
			GW-GM		(GW-GM) 18'-20' Gray (7.5YR6/1); **Well Graded GRAVEL with SILT and SAND**; Moist; Loose; Subangular grains; Gravel with maximum 1" diameter; Some fine to coarse grained sand; Odorless; Strong HCL reaction.	0.0	
20					(SW-SM) 20'-34' Gray (7.5YR5/1); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded sand; Fine to coarse grained sand; Some subangular gravel with maximum 6" diameter; Odorless; Weak to strong HCL reaction.		
	15	SS-15				0.0	
						0.0	
25		SS-17.5	SW-SM		Below 25' - Gravel with maximum 4" diameter.	0.0	
						0.0	
	20	SS-20				0.0	
30							

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NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30							
		SS-22.5	SW-SM		(SW-SM) 20'-34' Gray (7.5YR5/1); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded sand; Fine to coarse grained sand; Some subangular gravel with maximum 6" diameter; Odorless; Weak to strong HCL reaction. *(continued)* Below 33' - Gravel becomes white (7.5YR8/1).		Cement - 5% bentonite slurry
35	25	SS-25	SC-SM		(SC-SM) 34'-37' Gray (7.5YR5/1); **SILTY CLAYEY SAND**; Moist; Compact; Fine to medium grained sand; Medium plasticity; Odorless; No HCL reaction.		
		SS-27.5	SM		(SM) 37'-50.5' Gray (7.5YR5/1); **SILTY SAND**; Moist; Loose to compact; Subangular to subrounded grains; Fine to medium grained sand; No plasticity; Odorless; No HCL reaction.		
40	30	SS-30					
45		SS-32.5			Below 47' - Medium plasticity.		
	35	SS-35					
50			SW-SM		(SW-SM) 50.5'-51' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Moist; Loose; Subangular grains; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
		SS-37.5			(SP-SM) 51'-63.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Loose to compact; Fine grained sand; Few angular to subangular gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.0	
55						0.0	
	40	SS-40	SP-SM			0.0	
60		SS-42.5				0.0	
						0.0	Hydrated bentonite chips
	45	SS-45	SM			0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65					(SM) 63.5'-80' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose to compact; Subangular grains; Fine to medium grained sand; No plasticity; Odorless; No HCL reaction. *(continued)* Below 65' - Strong brown (7.5YR4/6); Compact; Low plasticity.	0.0	#3 Sand
		SS-47.5				0.0	
70						0.0	1st Temporary well set at 70.7'
	50	SS-50 GW-70.7				0.0	
			SM		Below 73' - Trace gravel.	0.0	
75					Below 74' - No gravel.	0.0	
					Below 76' - Trace gravel.	0.0	
	55						
80					Below 79' - No gravel.	0.0	
			SC-SM		(SC-SM) 80'-81' Brown (7.5YR4/3); **SILTY CLAYEY SAND**; Wet; Loose; Subangular to subrounded sand; Weel graded sand; Fine to coarse grained sand; Few subangular gravel with maximum 2" diameter; Odorless; No HCl reaction.		Cement - 5% bentonite slurry
					(SM) 81'-116.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose to compact; Subangular grains; Fine to medium grained sand; No plasticity; Odorless; No HCL reaction.		
85	60	SS-60					
90			SM				
	65				Below 91' - Strong brown (7.5YR4/6); Wet; Fine to coarse grained sand; Trace subangular gravel with maximum 2" diameter. Below 92' - Brown (7.5YR5/4); Moist; Fine to medium grained sand; No gravel.	0.0	Hydrated bentonite chips
						0.0	#3 Sand
95						0.0	
						0.0	2nd Temporary well set at 99'

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NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	70	SS-70 GW-99			(SM) 81'-116.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose to compact; Subangular grains; Fine to medium grained sand; No plasticity; Odorless; No HCL reaction. *(continued)*	0.0	
100						0.0	
					Below 102' - Few subrounded gravel with maximum 2" diameter.	0.0	
105					Below 105' - Few angular gravel with maximum 4" diameter.	0.0	
	75		SM		Below 107' - Few subangular gravel with maximum 3" diameter.	0.0	
					Below 109' - Few subangular gravel with maximum 8" diameter.	0.0	Cement - 5% bentonite slurry
110						0.0	
	80	SS-80			Below 113' - Dark brown (7.5YR3/3); Fine to coarse grained sand.	0.0	
115					Below 114.5' - Dark yellowish brown (10YR4/4).	0.0	
			SW-SM		(SW-SM) 116.5'-120' Dark yellowish brown (10YR4/4); **Well Graded SAND with SILT**; Moist; Loose to compact; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.0	
120	85		SM		(SM) 120'-122' Dark brown (7.5YR3/4); **SILTY SAND**; Moist; Loose to compact; Subangular to subrounded grains; Fine to coarse grained sand; Odorless; No HCL reaction.	0.0	Hydrated bentonite chips
			ML		(ML) 122'-127' Brown (7.5YR5/4); **SANDY SILT**; Dry to moist; Firm to stiff; Massive to blocky; Low plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0	#3 Sand
125						0.0	3rd Temporary well set at 127.3'
	90	SS-90 GW-127.3			127'-130' **Not Logged**.	0.0	
130							
			CL-ML		(CL-ML) 130'-134' Strong brown (7.5YR5/6); **SILTY CLAY**; Moist; Firm to hard; Massive to blocky; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
			CL-ML			0.1	
	95		SM		(SM) 134'-143.5' Strong brown (7.5YR5/6); **SILTY SAND**; Moist; Compact to dense; Fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	
135						0.0	Cement - 5% bentonite slurry
					Below 139' - Trace subrounded gravel with maximum 2" diameter.	0.0	
140					Below 140' - No gravel.		
	100	SS-100				0.0	
						0.5	
145			SM		(SM) 143.5'-145' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 3" diameter; Odorless; No HCL reaction.	0.0	
			ML		(ML) 145'-146.5' Strong brown (7.5YR5/6); **SILT with GRAVEL**; Moist; Firm; Massive; High plasticity; Little subangular gravel with maximum 2" diameter; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
	105		ML		(ML) 146.5'-148.5' Strong brown (7.5YR5/6); **SILT**; Moist; Firm; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction.		Hydrated bentonite chips
150			SM		(SM) 148.5'-151.5' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Dense; No plasticity; Fine grained sand; Odorless; No HCL reaction.	0.0	#3 Sand
			SP		(SP) 151.5'-153' Light gray (7.5YR7/1); **Poorly Graded SAND**; Wet; Compact; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
			ML		(ML) 153'-155' Strong brown (7.5YR5/6); **SILT**; Moist; Firm to stiff; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	4th Temporary well set at 155.6'
155							
	110	SS-110 GW-155.6			155'-157' **Not Logged**.	0.0	
			ML		(ML) 157'-161' Dark yellowish brown (10YR4/4); **SILT with SAND**; Moist; Stiff; Massive; Medium plasticity; Few subangular fine to medium grained sand; Trace angular gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.0	
160						0.0	
			SC-SM		(SC-SM) 161'-162' Dark yellowish brown (10YR4/4); **SILTY CLAYEY SAND with GRAVEL**; Moist; Dense; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 2" diameter; Medium plasticity; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
	115		ML		(ML) 162'-166' Dark yellowish brown (10YR4/4); **SILT with SAND**; Moist; Stiff; Massive; Medium plasticity; Few subangular fine to medium grained sand; Trace angular gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.0	
165						0.0	Cement - 5% bentonite slurry
			SW-SM		(SW-SM) 166'-167' Dark yellowish brown (10YR4/4); **Well Graded SAND with SILT**; Moist; Compact; Fine to medium grained sand;		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
			ML		Odorless; No HCL reaction. (ML) 167'-169' Dark yellowish brown (10YR4/4); **SILT with SAND**; Moist; Stiff; Massive; Medium plasticity; Few subangular fine to medium grained sand; Trace angular gravel with maximum 2" diameter; Odorless; No HCL reaction. *(continued)*	0.0	
170	120	SS-120	SW-SM		(SW-SM) 169'-170' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Dense; Subrounded grains; Fine to coarse grained sand; Little gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
			SM		(SM) 170'-174' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Fine grained sand; Odorless; No HCL reaction.	0.0	
175			ML		(ML) 174'-175.5' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Massive; Medium plasticity; Few subangular gravel with maximum 2" diameter; Trace subangular to subrounded fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	Hydrated bentonite chips
	125				(SM) 175.5'-184' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Fine grained sand; Odorless; No HCL reaction.	0.0	#3 Sand
180			SM			0.0	
						0.0	5th Temporary well set at 183.8'
	130	SS-130 GW-183.8				0.0	
185					184'-186' **Not Logged**.		
					(SM) 186'-205' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Fine grained sand; Odorless; No HCL reaction.		
190							
	135				Below 191' - Trace subangular to subrounded gravel with maximum 2" diameter. Below 192' - No gravel.	0.0	
			SM		Below 193' - Trace subangular to subrounded gravel with maximum 4" diameter. Below 194' - No gravel.	0.0	Cement - 5% bentonite slurry
195						0.0	
	140	SS-140				0.0	
200						0.0	

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TETRA TECH, INC.

BORING NUMBER U4U5-75

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
			SM		(SM) 186'-205' Brown (7.5YR5/4); **SILTY SAND**; Moist; Dense; Fine grained sand; Odorless; No HCL reaction. *(continued)*	0.0	
					Below 204' - Trace subangular to subrounded gravel with maximum 3" diameter.	0.0	
205	145						Hydrated bentonite chips
			SM		(SM) 205'-210' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Moist; Compact; Fine to medium grained sand; Little subangular to subrounded gravel with maximum 3" diameter; Medium plasticity; Odorless; Weak HCL reaction on matrix; Strong HCL reaction on gravel.	0.7	#3 Sand
						0.0	
210						0.0	6th Temporary well set at 212.1'
			ML		(ML) 210'-212.1' Brown (7.5YR5/4); **SILT**; Moist; Firm; Blocky; Medium plasticity; Trace fine grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction on matrix; Strong HCL reaction on gravel.	0.0	
		SS-150 GW-212.1					

NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-76

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/17/17 **COMPLETED** 10/24/17
GROUND ELEVATION 1813.009 ft MSL
DRILLING CONTRACTOR Cascade
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717505.868
LOGGED BY J. Souza/D. Zur **CHECKED BY** J. Walker
EASTING 828457.571
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0	0				0'-15' **Not Logged**.		
		SS-1					
		SS-2.5					
5							
	5	SS-5					
10							
		SS-7.5					
	10	SS-10					
15					(SW-SM) 15'-48' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Some gravel with maximum 1" diameter; Odorless; Moderate HCL reaction.	0.0	
		SS-12.5				1.5	
20						0.4	
	15	SS-15	SW-SM			2.3	
						3.7	
25		SS-17.5				1.8	
	20	SS-20				0.7	
30						5.6	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30					(SW-SM) 15'-48' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Some gravel with maximum 1" diameter; Odorless; Moderate HCL reaction. *(continued)*	0.0	Cement - 5% bentonite slurry
		SS-22.5				0.0	
35	25	SS-25				0.0	
		SS-27.5	SW-SM			0.1	
40						0.0	
	30	SS-30				0.0	
45						0.0	
		SS-32.5				0.0	
						0.0	
			SM		(SM) 48'-50' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subangular sand; Poorly graded sand; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
50	35	SS-35	SM		(SM) 50'-51' Dark brown (7.5YR3/4); **SILTY SAND with GRAVEL**; Moist; Compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 1.5" diameter; Odorless; No HCL reaction.	0.0	
		SS-37.5			(SM) 51'-69' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subangular sand; Poorly graded sand; Fine to medium grained sand; Odorless; No HCL reaction.	0.0	
55						0.0	
	40	SS-40				0.0	
			SM			0.0	
60		SS-42.5				0.0	
						0.0	Hydrated bentonite chips
	45	SS-45				0.0	

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BORING NUMBER U4U5-76

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65			SM		(SM) 51'-69' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subangular sand; Poorly graded sand; Fine to medium grained sand; Odorless; No HCL reaction. *(continued)*	0.0	#3 Sand
		SS-47.5				0.0	
							1st Temporary well set at 70.7'
70	50	SS-50 GW-70.7	ML		(ML) 69'-79' Brown (7.5YR5/4); **SANDY SILT**; Moist; Stiff; Massive; Low plasticity; Some fine grained sand; Few subangular gravel with maximum 1" diameter; Odorless; No HCL reaction on matrix; Stong HCL reaction on gravel.	0.0	
						0.0	
						0.0	
75						0.0	
	55					0.0	
80			SC-SM		(SC-SM) 79'-99' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact to dense; Fine to medium grained sand; Medium plasticity; Odorless; Weak HCL reaction.	0.0	Cement - 5% bentonite slurry
						0.0	
						0.0	
85	60	SS-60				0.0	
						0.0	
						0.0	
90						0.0	
	65					0.0	Hydrated bentonite chips
						0.0	#3 Sand
95						0.0	
						0.0	2nd Temporary well set at 99'

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	70	SS-70 GW-99					
100			CL		(CL) 99'-104.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	
						0.0	
						0.0	
105					(SC-SM) 104.5'-116' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Compact; Fine to medium grained sand; Medium plasticity; Odorless; No HCL reaction.	0.0	
	75					0.0	
					Below 108' - Compact to dense; Weak HCL reaction.	0.0	Cement - 5% bentonite slurry
110			SC-SM			0.0	
						0.0	
	80	SS-80				0.0	
115						0.0	
			SW-SM		(SW-SM) 116'-117' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Odorless; No HCL reaction.	0.0	
			CH		(CH) 117'-119.5' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Odorless; No HCL reaction.	0.0	Hydrated bentonite chips
120	85		SW-SM		(SW-SM) 119.5'-120.5' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Odorless; No HCL reaction.		
					(CH) 120.5'-129' Brown (7.5YR5/4); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Odorless; No HCL reaction.	0.0	#3 Sand
						0.0	
125			CH		Below 125' - Strong brown (7.5YR5/6).	0.0	3rd Temporary well set at 127.3'
	90	SS-90 GW-127.3				0.0	
			ML		(ML) 129'-130' Brown (7.5YR5/3); **SANDY SILT**; Moist; Stiff; Massive; No plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0	
130			CH		(CH) 130'-146' Strong brown (7.5YR5/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Odorless; No HCL reaction.	0.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	95				Below 132.5' - Weak cementation. (CH) 130'-146' Strong brown (7.5YR5/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Odorless; No HCL reaction. *(continued)* Below 133' - No cementation.	0.0	
135						0.0	
						0.0	Cement - 5% bentonite slurry
140			CH			0.0	
	100	SS-100				0.0	
						0.0	
145						0.0	
			ML		(ML) 146'-146.5' Brown (7.5YR5/3); **SANDY SILT**; Moist; Stiff; Massive; No plasticity; Some fine grained sand; Odorless; No HCL reaction.	0.0	
	105				(CH) 146.5'-153' Strong brown (7.5YR5/6); **Fat CLAY**; Moist; Stiff; Massive; High plasticity; Odorless; No HCL reaction.		Hydrated bentonite chips
150			CH			0.0	#3 Sand
						0.0	
			SC-SM		(SC-SM) 153'-155' Light brown (7.5YR6/3); **SILTY CLAYEY SAND**; Moist; Loose; Subangular grains; Fine to medium grained sand; Medium plasticity; Odorless; No HCL reaction.	0.0	4th Temporary well set at 155.6'
155							
	110	SS-110 GW-155.6			(ML) 155'-168.5' Brown (7.5YR5/4); **SILT**; Moist; Hard; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0	
						0.0	
160			ML			0.0	
						0.0	
	115					0.0	
165						0.0	Cement - 5% bentonite slurry

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)
			ML			0.0
			SM		(SM) 168.5'-170' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subangular grains; Fine to coarse grained sand; Trace fine grained sand with maximum 1" diameter; Odorless; No HCL reaction on matrix; Moderate HCL reaction on gravel.	0.0
170	120	SS-120	ML		(ML) 170'-172.5' Brown (7.5YR5/4); **SILT**; Moist; Hard; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0
			SC-SM		(SC-SM) 172.5'-173.5' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Loose to compact; Subangular grains; Fine to coarse grained sand; Medium plasticity; odorless; No HCL reaction.	0.0
175			SM		(SM) 173.5'-180' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 2" diameter; Low plasticity; Odorless; No HCL reaction.	0.0
	125					0.0
180						0.0
			ML		(ML) 180'-182' Brown (7.5YR5/4); **SILT**; Moist; Hard; Massive; Low plasticity; Few fine grained sand; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0
			SM		(SM) 182'-184' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subrounded grains; Fine to coarse grained sand; Trace gravel with maximum 2" diameter; Low plasticity; Odorless; No HCL reaction.	0.0
	130	SS-130 GW-183.8				
185			SC-SM		(SC-SM) 184'-195.5' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Medium plasticity; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	0.0
						0.0
190					Below 188' - No cementation.	0.0
	135					
195						
			SM		(SM) 195.5'-196' Brown (7.5YR5/4); **SILTY SAND**; Moist; Compact; Subrounded grains; Fine to medium grained sand; Medium plasticity; Odorless; No HCL reaction.	
	140	SS-140	SC-SM		(SC-SM) 196'-212.1' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Medium plasticity; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation.	
200						

WELL DIAGRAM

- Hydrated bentonite chips
- #3 Sand
- 5th Temporary well set at 183.8'
- Cement - 5% bentonite slurry

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TETRA TECH, INC.

BORING NUMBER U4U5-76

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
205	145	SS-150 GW-212.1	SC-SM		(SC-SM) 196'-212.1' Brown (7.5YR5/4); **SILTY CLAYEY SAND**; Moist; Dense; Fine grained sand; Medium plasticity; Odorless; No HCL reaction on matrix; Strong HCL reaction on areas of weak cementation. *(continued)* Below 202' - Weak cementation. Below 205' - No cementation. Below 208' - Weak cementation.		Hydrated bentonite chips #3 Sand 6th Temporary well set at 212.1'
210							

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BORING NUMBER U4U5-77

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502017-M02 / M02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/7/17 **COMPLETED** 11/16/17
GROUND ELEVATION 1813.015 ft MSL
DRILLING CONTRACTOR Cascade
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717340.949
LOGGED BY C. Mowbray/C. Larkins **CHECKED BY** J. Walker
EASTING 828819.25
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0	0				0'-20' **Not Logged**.		
		SS-1					
		SS-2.5					
5							
	5	SS-5					
10							
		SS-7.5					
	10	SS-10					
15							
		SS-12.5					
20							
	15	SS-15	SW		(SW) 20'-26' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Dry; Loose to compact; Subangular to subrounded grains; Fine to coarse grained sand; Little gravel with maximum 3" diameter; Odorless; Moderate to strong HCL reaction.	1.0	
						0.8	
25		SS-17.5				6.3	
	20	SS-20	SW-SM		(SW-SM) 26'-30' Brown (7.5YR4/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Compact; Subrounded sand; Fine to coarse grained sand; Little subangular to subrounded gravel with maximum 2" diameter; odorless; Moderate to strong HCL reaction.	2.3	
30						1.0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30					(SM) 30'-53.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Compact; Subangular to subrounded grains; Well graded sand; Fine to coarse grained sand; Few subrounded gravel with maximum 3" diameter; odorless; Weak to moderate HCL reaction.	7.4	Cement - 5% bentonite slurry
		SS-22.5					
						4.8	
					Below 34' - Light brown (7.5YR6/4); Loose; Moderate HCL reaction.		
35	25	SS-25				5.2	
						2.4	
					Below 38' - Strong brown (7.5YR4/6); Moist; Compact; Poorly graded sand; Fine to medium grained sand; No HCL reaction.		
		SS-27.5				3.5	
40					Below 40' - Fine grained sand; Trace subrounded gravel with maximum 1/2" diameter.		
			SM			1.3	
	30	SS-30					
						0.1	
45							
						0.2	
		SS-32.5					
						0.0	
					Below 48.5' - Very dark brown (7.5YR2.5/2); Subangular sand; Fine to coarse grained sand; Trace subangular to subrounded gravel with maximum 1" diameter.		
	35	SS-35			Below 50' - Wet.	0.1	
50					Below 51' - Brown (7.5YR4/3); Moist; Fine to medium grained sand; Trace gravel with maximum 3/4" diameter.		
		SS-37.5					
			SW		(SW) 53.5'-54' Dark brown (7.5YR3/2); **Well Graded SAND**; Wet; Loose; Angular to subangular sand; Fine to coarse grained sand; Trace subangular gravel with maximum 1" diameter; Odorless; No HCL reaction.		
55					(CL-ML) 54'-60.5' Brown (7.5YR5/4); **SANDY SILTY CLAY**; Moist; Firm; Massive; Low plasticity; Some fine grained sand; Trace angular to subangular gravel with maximum 1" diameter; odorless; Weak to moderate HCL reaction.		
	40	SS-40	CL-ML				
60							
		SS-42.5					
					(SM) 60.5'-70' Brown (7.5YR4/3); **SILTY SAND**; Moist; Compact; Fine grained sand; No to low plasticity; Trace subangular to subrounded gravel with maximum 3/4" diameter; Odorless; No HCL reaction on matrix; Moderate HCL reaction on gravel.	0.0	Hydrated bentonite chips
			SM				
	45	SS-45				0.1	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65					(SM) 60.5'-70' Brown (7.5YR4/3); **SILTY SAND**; Moist; Compact; Fine grained sand; No to low plasticity; Trace subangular to subrounded gravel with maximum 3/4" diameter; Odorless; No HCL reaction on matrix; Moderate HCL reaction on gravel. *(continued)*	0.0	#3 Sand
		SS-47.5	SM		Below 65' - Trace subrounded gravel with maximum 2" diameter; Weak HCL reaction on matrix.	0.0	
70						0.1	1st Temporary well set at 70.7'
	50	SS-50 GW-70.7			(CL-ML) 70'-80' Brown (7.5YR4/4); **SILTY CLAY with SAND**; Moist; Soft to firm; Massive; Medium plasticity; Little fine grained sand; Trace subrounded gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Moderate HCL reaction on gravel.	0.0	
					Below 73' - Light brown (7.5YR6/3).	0.1	
75			CL-ML			0.0	
	55					0.0	
80						0.0	
			ML		(ML) 80'-81' Brown (7.5YR4/4); **SANDY SILT**; Wet; Loose; Some fine grained sand; Few subangular gravel with maximum 2" diameter; Odorless; No HCL reaction; Material is most likely slough from drilling.	0.0	Cement - 5% bentonite slurry
					(CL-ML) 81'-90' Brown (7.5YR4/4); **SANDY SILTY CLAY**; Moist; Soft; Massive; Low to medium plasticity; Little fine grained sand; Trace subrounded gravel with maximum 3/4" diameter; Odorless; No HCL reaction on matrix; Moderate HCL reaction on gravel.	0.0	
85	60	SS-60			Below 83' - Weak cementation.	0.1	
			CL-ML			89	
90						0.1	
					(SM) 90'-99.5' Brown (7.5YR4/4); **SILTY SAND**; Moist; Compact; Fine grained sand; Trace subrounded gravel with maximum 2" diameter; No to low plasticity; Odorless; No HCL reaction on matrix; Moderate HCL reaction on areas of weak cementation.	0.0	Hydrated bentonite chips
	65				Below 92.5' - Trace subangular to subrounded gravel with maximum 1/2" diameter; No cementation.	0.1	#3 Sand
95			SM			0.1	
					Below 97'- Trace black (7.5YR2.5/1) subangular gravel with maximum 2" diameter.	0.0	2nd Temporary well set at 99'
					Below 98' - Brown (7.5YR5/4); Few subangular to rounded gravel with		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	70	SS-70 GW-99	SM		maximum 3/4" diameter; Moderate to strong HCL reaction; Areas of weak cementation.	0.1	
100			SW-SM		(SW-SM) 99.5'-100.5' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Loose; Subangular grains; Fine to medium grained sand; Trace gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.1	
			SM		(SM) 100.5'-104' Brown (7.5YR4/3); **SILTY SAND**; Moist; Compact; Fine grained sand; Trace angular gravel with maximum 1/2" diameter; Low plasticity; Odorless; No HCL reaction.	0.2	
105	75		SM		(SM) 104'-109' Brown (7.5YR4/2); **SILTY SAND with GRAVEL**; Moist; Compact to dense; Angular to subangular sand; Some subangular to subrounded gravel with maximum 2" diameter; Odorless; Weak to moderate HCL reaction.	0.5	
					Below 107' - Dry.	1.1	Cement - 5% bentonite slurry
110			SM		(SM) 109'-110.5' Brown (7.5YR4/3); **SILTY SAND**; Moist; Compact; Fine grained sand; Trace angular gravel with maximum 1/2" diameter; Low plasticity; Odorless; No HCL reaction.	0.3	
			SW-SM		(SW-SM) 110.5'-112' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Wet; Loose to compact; Angular to subrounded sand; Fine to coarse grained sand; Trace subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.3	
	80	SS-80	CL-ML		(CL-ML) 112'-115.5' Brown (7.5YR4/3); **SANDY SILTY CLAY**; Moist; Firm; Massive; Medium plasticity; Odorless; No HCL reaction.	0.0	
115						0.0	
			SM		(SM) 115.5'-122' Brown (7.5YR4/3); **SILTY SAND**; Moist; Compact; Angular to subangular sand; Trace subrounded gravel with maximum 3/4" diameter; No to low plasticity; Odorless; No HCL reaction. Below 117' - Fine grained sand; Few gravel with maximum 3" diameter; Low plasticity.	0.2	
120	85					0.2	Hydrated bentonite chips
						0.2	#3 Sand
			CL-ML		(CL-ML) 122'-126' Brown (7.5YR4/3); **SILTY CLAY with SAND**; Moist; Stiff; Massive; Low to medium plasticity; Little fine grained sand; Trace angular to subrounded gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.3	
125						0.0	3rd Temporary well set at 127.3'
			CL-ML		(CL-ML) 126'-127' Brown (7.5YR4/3); **SILTY CLAY**; Moist; Stiff; Massive; Medium plasticity; Few fine grained sand; Odorless; No HCL reaction.	0.0	
	90	SS-90 GW-127.3	CL-ML		(CL-ML) 127'-128' Brown (7.5YR4/3); **SANDY SILTY CLAY**; Wet; Very soft; Massive; No to low plasticity; Little fine grained sand; Trace subangular gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.1	
130			CL-ML		(CL-ML) 128'-131.5' Brown (7.5YR4/3); **SILTY CLAY**; Moist; Soft; Massive; Medium plasticity; Few fine grained sand; Odorless; No HCL reaction.	0.1	
			CH				

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
	95		CH		(CH) 131.5'-137.5' Brown (7.5YR4/3); **Fat CLAY**; Moist; Firm; Massive; High plasticity; Trace fine grained sand; Odorless; No HCL reaction. *(continued)* Below 134' - Weak to moderate cementation.	0.2	
135						0.1	
						0.1	Cement - 5% bentonite slurry
			ML		(ML) 137.5'-140.5' Brown (7.5YR4/3); **SILT with SAND**; Moist; Soft to firm; Massive; No plasticity; Little subrounded fine to coarse grained sand; Odorless; No HCL reaction.		
140						0.0	
	100	SS-100	SM		(SM) 140.5'-148' Brown (7.5YR5/2); **SILTY SAND with GRAVEL**; Moist; Compact; Subangular sand; Well graded sand; Fine to coarse grained sand; Little subangular to subrounded gravel with maximum 3" diameter; Odorless; Weak to moderate HCL reaction.	0.0	
						0.0	
145						0.0	
						0.0	
	105		CL-ML		(CL-ML) 148'-150.5' Brown (7.5YR5/3); **SILTY CLAY**; Moist; Firm to stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	Hydrated bentonite chips
150			ML		(ML) 150.5'-151.5' Brown (7.5YR5/3); **SILT with SAND**; Dry to moist; Stiff to hard; Laminated; No plasticity; Little angular to subangular fine to coarse grained sand; Trace subangular to subrounded gravel with maximum 1/2" diameter; Odorless; No HCL reaction.	0.0	#3 Sand
			CL-ML		(CL-ML) 151.5'-156' Brown (7.5YR5/3); **SILTY CLAY**; Moist; Firm to stiff; Massive; Medium to high plasticity; Trace fine grained sand; Odorless; No HCL reaction.	0.0	4th Temporary well set at 156'
155						0.0	
	110	SS-110 GW-156			156'-157' **Not Logged**; Slough.		
			CL-ML		(CL-ML) 157'-166' Brown (7.5YR4/3); **SILTY CLAY**; Moist; Soft to firm; Massive; Medium to high plasticity; Trace fine grained sand; Trace subangular gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.0	
160					Below 160' - Fine to medium grained sand.	0.0	
						0.0	
	115					0.0	
165						0.0	
			SM		(SM) 166'-166.5' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Wet; Compact; Subangular to subrounded sand; Well		Cement - 5% bentonite slurry

(Continued Next Page)

NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
			CL-ML		graded sand; Fine to coarse grained sand; Little subangular gravel with maximum 2" diameter; Odorless; No HCL reaction.	0.0	
			CL-ML		(CL-ML) 166.5'-169' Brown (7.5YR4/3); **SILTY CLAY with SAND and GRAVEL**; Moist; Soft; Massive; Low plasticity; Few fine grained sand; Few subangular gravel with maximum 3/4" diameter; Odorless; No HCL reaction. *(continued)*	0.0	
170	120	SS-120	SM		(SM) 169'-170' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist to wet; Loose to compact; Subangular grains; Fine to coarse grained sand; Little gravel with maximum 2.5" diameter; Odorless; No HCL reaction.	0.0	
			ML		(ML) 170'-174' Brown (7.5YR4/4); **SANDY SILT**; Moist; Firm to stiff; Massive; Low plasticity; Little fine grained sand; Few subangular gravel with maximum 3" diameter; Odorless; No HCL reaction.	0.0	
175			CL-ML		(CL-ML) 174'-175.5' Brown (7.5YR4/4); **SILTY CLAY with SAND**; Moist; Stiff; Massive; Low to medium plasticity; Little fine grained sand; Trace subangular gravel with maximum 3/4" diameter; Odorless; No HCL reaction.	0.0	
	125				(ML) 175.5'-184' Brown (7.5YR4/4); **SILT with SAND**; Moist; Firm to stiff; Blocky; Low plasticity; Little fine grained sand; Trace subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction. Below 178' - Firm; Massive; Trace gravel with maximum 2" diameter.	0.0	Hydrated bentonite chips
180			ML		Below 179.5' - Weak to moderate cementation. Below 180' - Trace subangular to subrounded gravel.	0.0	#3 Sand
					Below 182' - No cementation.	0.0	5th Temporary well set at 184'
	130	SS-130 GW-184				0.0	
185					184'-186' **Not Logged**.		
					(ML) 186'-201' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft; Massive to blocky; Low plasticity; Little fine grained sand; Trace subangular gravel with maximum 2" diameter; Odorless; No HCL reaction on matrix; Moderate HCL reaction on areas of weak cementation. Below 188' - No cementation.	0.0	
190					Below 189' - Soft to firm; Massive; No gravel.	0.0	
	135				Below 190' - Wet.		
					Below 191' - Yellow staining. Below 191.5' - No staining.	0.0	
			ML			0.1	Cement - 5% bentonite slurry
195					Below 194' - Moist.	0.0	
	140	SS-140			Below 197' - Stiff; Low to medium plasticity.	0.0	
200						0.0	
			SM				

(Continued Next Page)

NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

BORING NUMBER U4U5-77

TETRA TECH, INC.

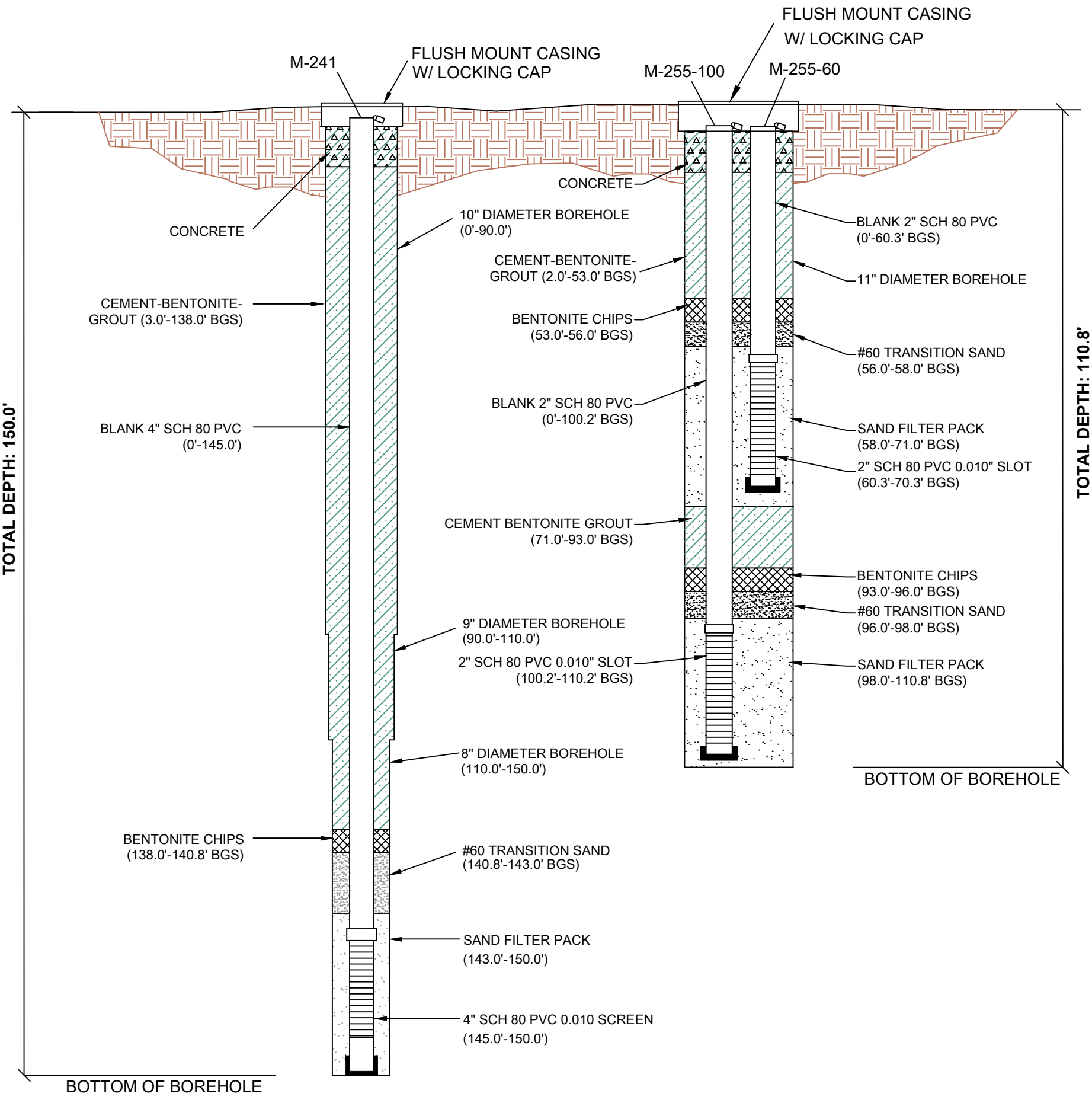
CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502017-M02 / M02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

ANGLED DEPTH (ft)	VERTICAL DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
			SM		(SM) 201'-202' Brown (7.5YR4/3); **SILTY SAND**; Moist; Compact; Subrounded sand; Fine to medium grained sand; Odorless; Moderate HCL reaction. *(continued)*	0.0	
					(ML) 202'-209.5' Brown (7.5YR4/4); **SILT**; Moist; Stiff; Massive; Medium plasticity; Trace fine grained sand; Trace subangular to subrounded gravel with maximum 1" diameter; Odorless; No HCL reaction.	0.0	
205	145		ML			0.0	Hydrated bentonite chips
							#3 Sand
					Below 207' - Soft; Trace subangular gravel with maximum 2" diameter; No to weak HCL reaction.	0.0	
						0.0	
210			GM		(GM) 209.5'-210' Pinkish gray (7.5YR7/2); **SILTY GRAVEL with SAND**; Wet; Compact; Angular to subangular gravel with maximum 3" diameter; Little fine to coarse grained sand; Odorless; Weak HCL reaction.		6th Temporary well set at 212'
			ML				
		SS-150 GW-212			(ML) 210'-212' Brown (7.5YR4/4); **SILT**; Moist; Soft; Blocky; No to low plasticity; Trace fine grained sand; Odorless; No HCL reaction.		

NERT-ANGLED BOREHOLES - GINT STD US.GDT - 12/28/17 12:42 - P:\GINT\NERT\2017 - 3RD MOBILIZATION\NERT - THIRD MOBILIZATION LOGS.GPJ

Appendix D
Monitoring Well As-Built Records



NOTES:

1. NOT TO SCALE
2. BGS: BELOW GROUND SURFACE

TETRA TECH
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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 854-2293

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

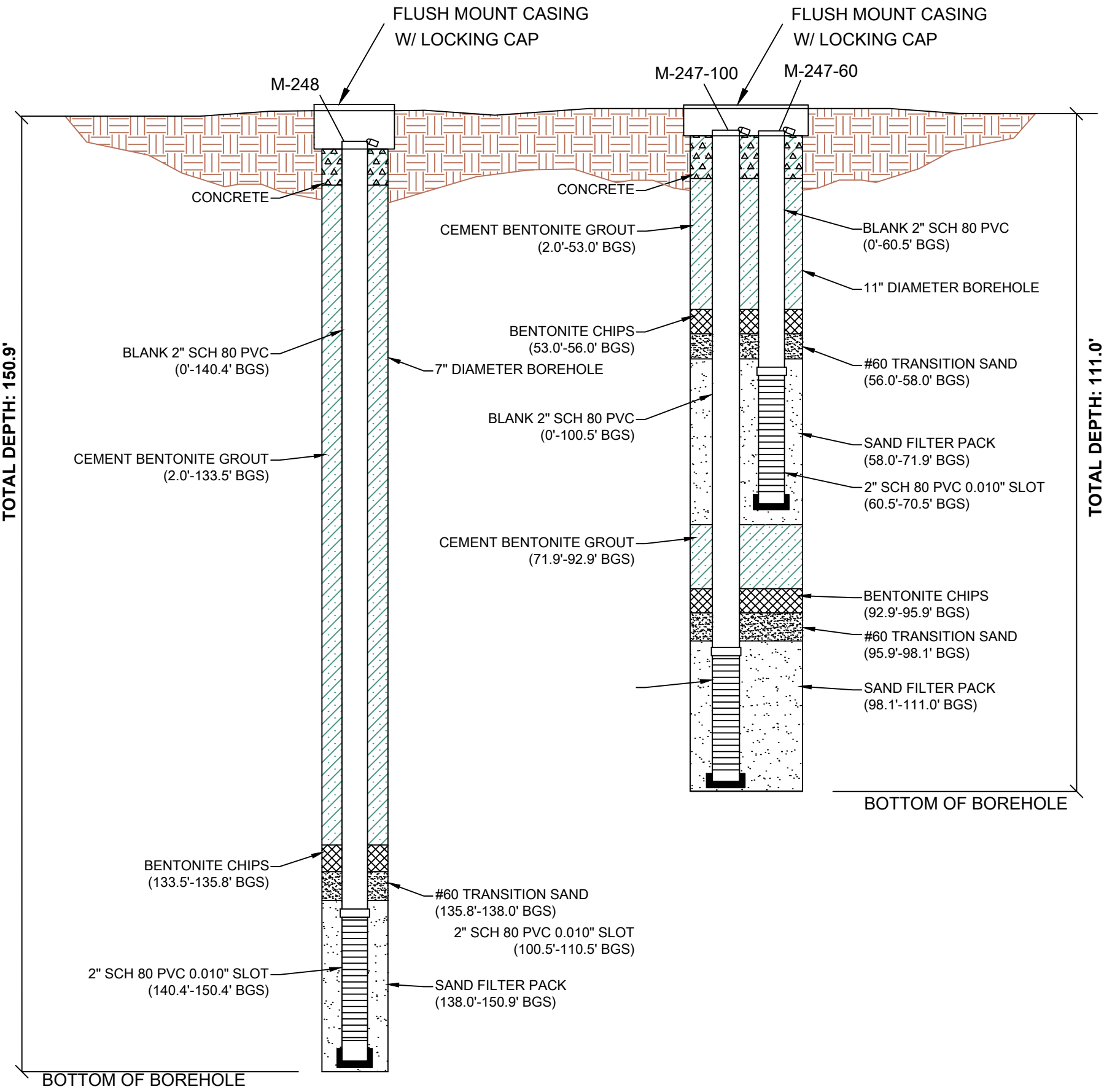
UNIT 4 AND 5 BUILDINGS INVESTIGATION COMPREHENSIVE REPORT
HENDERSON, NEVADA

M-241, M-255-60/100 WELL CONSTRUCTION DIAGRAM

Project No.:	117-7502018
Date:	MARCH 16, 2018
Designed By:	JX

Figure No.
D-1

\\TTS318FS3.TT.LOCAL\GEO\GEOIRV\VOL1\PROJECTS\DATA\ACAD\NERT\WELL DESIGN\NERT WELL CONSTRUCTION DIAGRAM_M-241_M-259_V3.DWG



NOTES:

1. NOT TO SCALE
2. BGS: BELOW GROUND SURFACE

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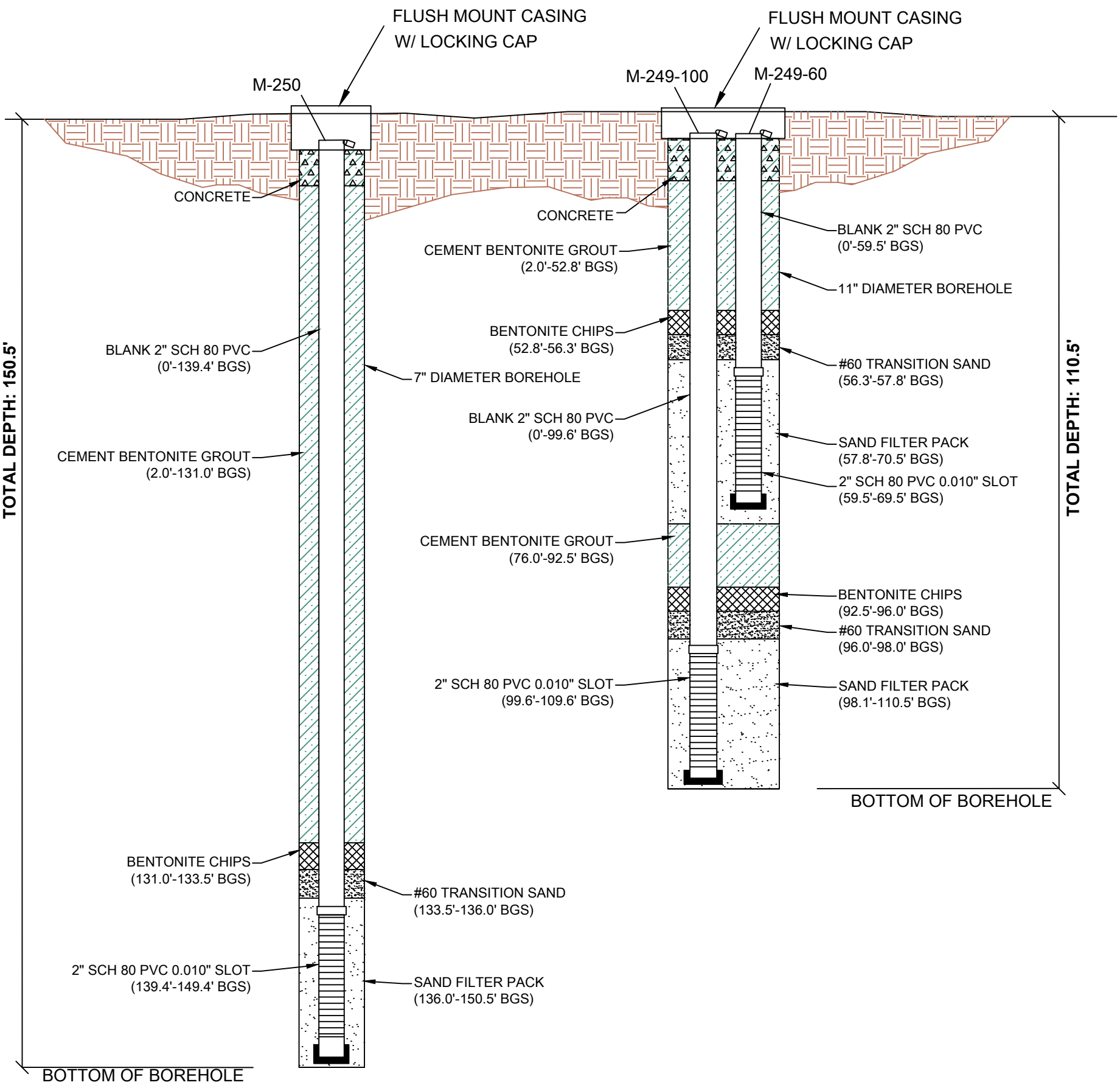
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION COMPREHENSIVE REPORT
HENDERSON, NEVADA

M-248, M-247-60/100 WELL CONSTRUCTION DIAGRAM

Project No.:	117-7502018
Date:	MARCH 16, 2018
Designed By:	JX
Figure No.	D-2

\\TTS318FS3.TT.LOCAL\GEO\GEOIRV\VOL1\PROJECTS\DATA\ACAD\NERT\WELL DESIGN\NERT WELL CONSTRUCTION DIAGRAM_M-241_M-259_V3.DWG



NOTES:

1. NOT TO SCALE
2. BGS: BELOW GROUND SURFACE

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

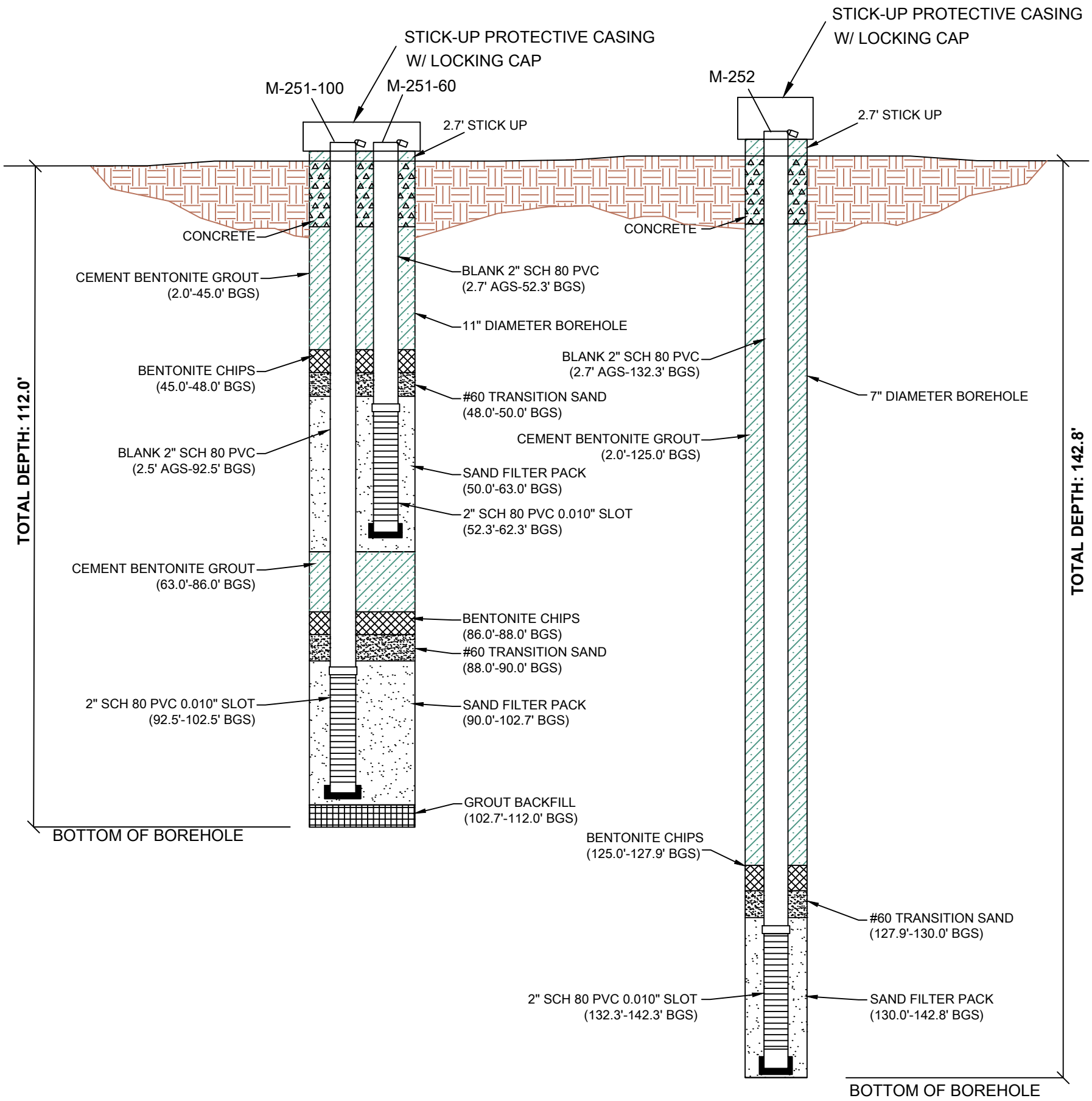
UNIT 4 AND 5 BUILDINGS INVESTIGATION COMPREHENSIVE REPORT
HENDERSON, NEVADA

M-250, M-249-60/100 WELL CONSTRUCTION DIAGRAM

Project No.:	117-7502018
Date:	MARCH 16, 2018
Designed By:	JX

Figure No.
D-3

\\TTS318FS3.TT.LOCAL\GEO\GEOIRV\VOL1\PROJECTS\DATA\ACAD\NERT\WELL DESIGN\NERT WELL CONSTRUCTION DIAGRAM_M-241_M-259_V3.DWG



NOTES:

1. NOT TO SCALE
2. BGS: BELOW GROUND SURFACE
3. AGS: ABOVE GROUND SURFACE

\\TTS318FS3.TT.LOCAL\GEO\GEOIRVOL1\PROJECTS\DATA\ACAD\NERT\WELL DESIGN\NERT WELL CONSTRUCTION DIAGRAM_M-241_M-259_V3.DWG

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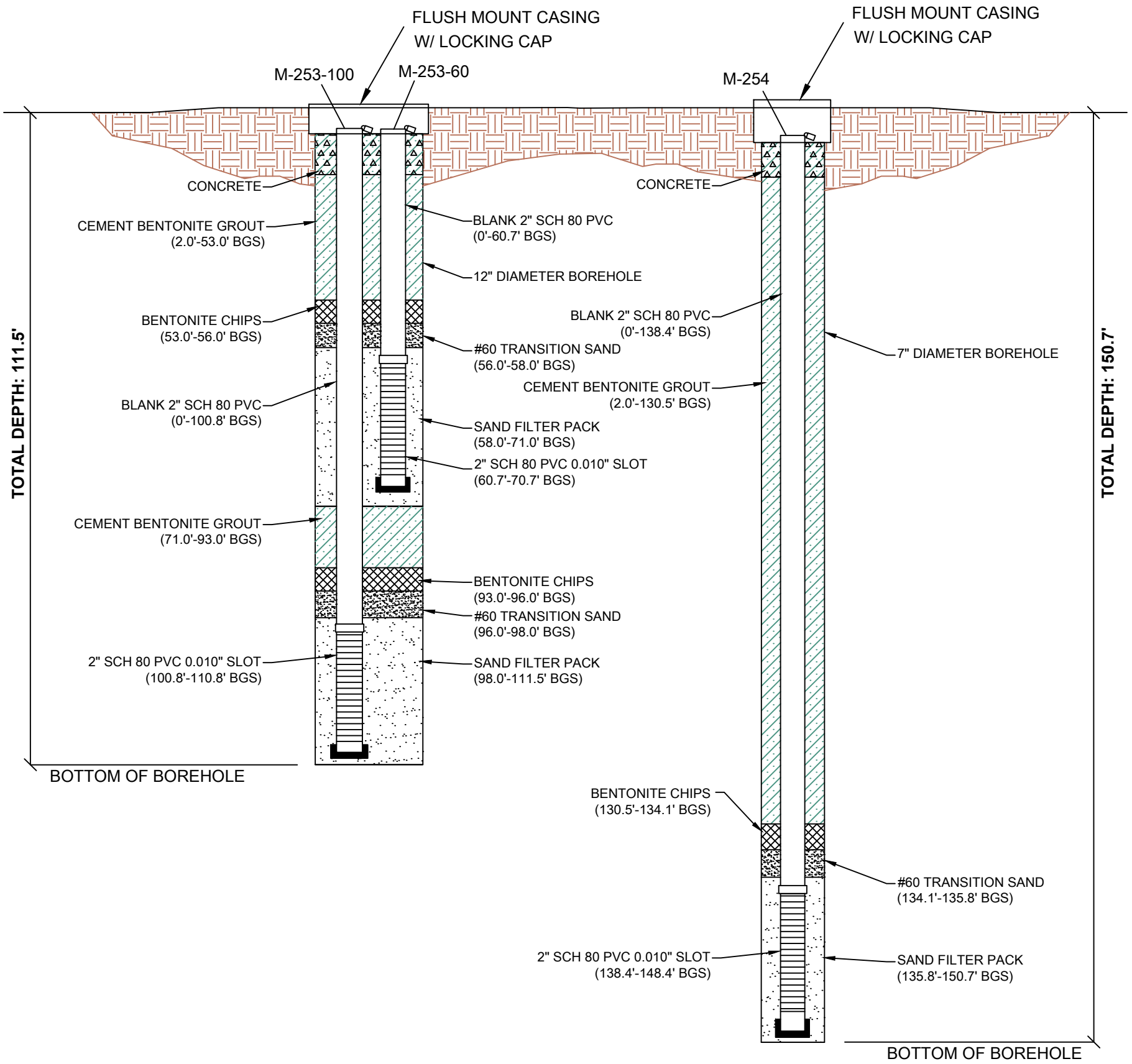
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION COMPREHENSIVE REPORT
HENDERSON, NEVADA

M-251-60/100, M-252 WELL CONSTRUCTION DIAGRAM

Project No.:	117-7502018
Date:	MARCH 16, 2018
Designed By:	JX
Figure No.	D-4



NOTES:

1. NOT TO SCALE
2. BGS: BELOW GROUND SURFACE
3. AGS: ABOVE GROUND SURFACE

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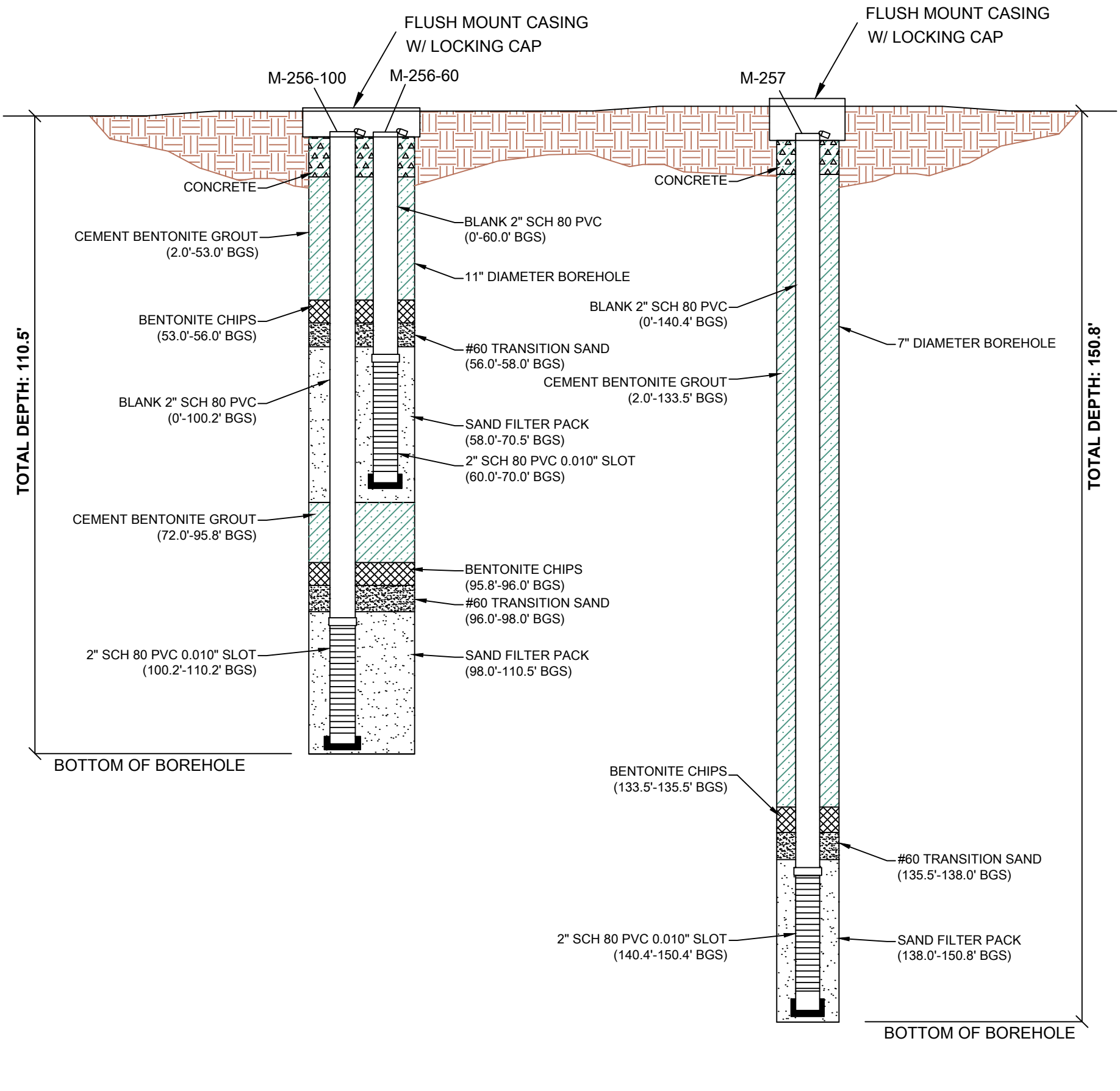
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION COMPREHENSIVE REPORT
HENDERSON, NEVADA

M-253-60/100, M-254 WELL CONSTRUCTION DIAGRAM

Project No.:	117-7502018
Date:	MARCH 16, 2018
Designed By:	JX
Figure No.	D-5

\\TTS318FS3.TT.LOCAL\GEO\GEOIRV\VOL1\PROJECTS\DATA\ACAD\NERT\WELL DESIGN\NERT WELL CONSTRUCTION DIAGRAM_M-241_M-259_V3.DWG



NOTES:

1. NOT TO SCALE
2. BGS: BELOW GROUND SURFACE
3. AGS: ABOVE GROUND SURFACE

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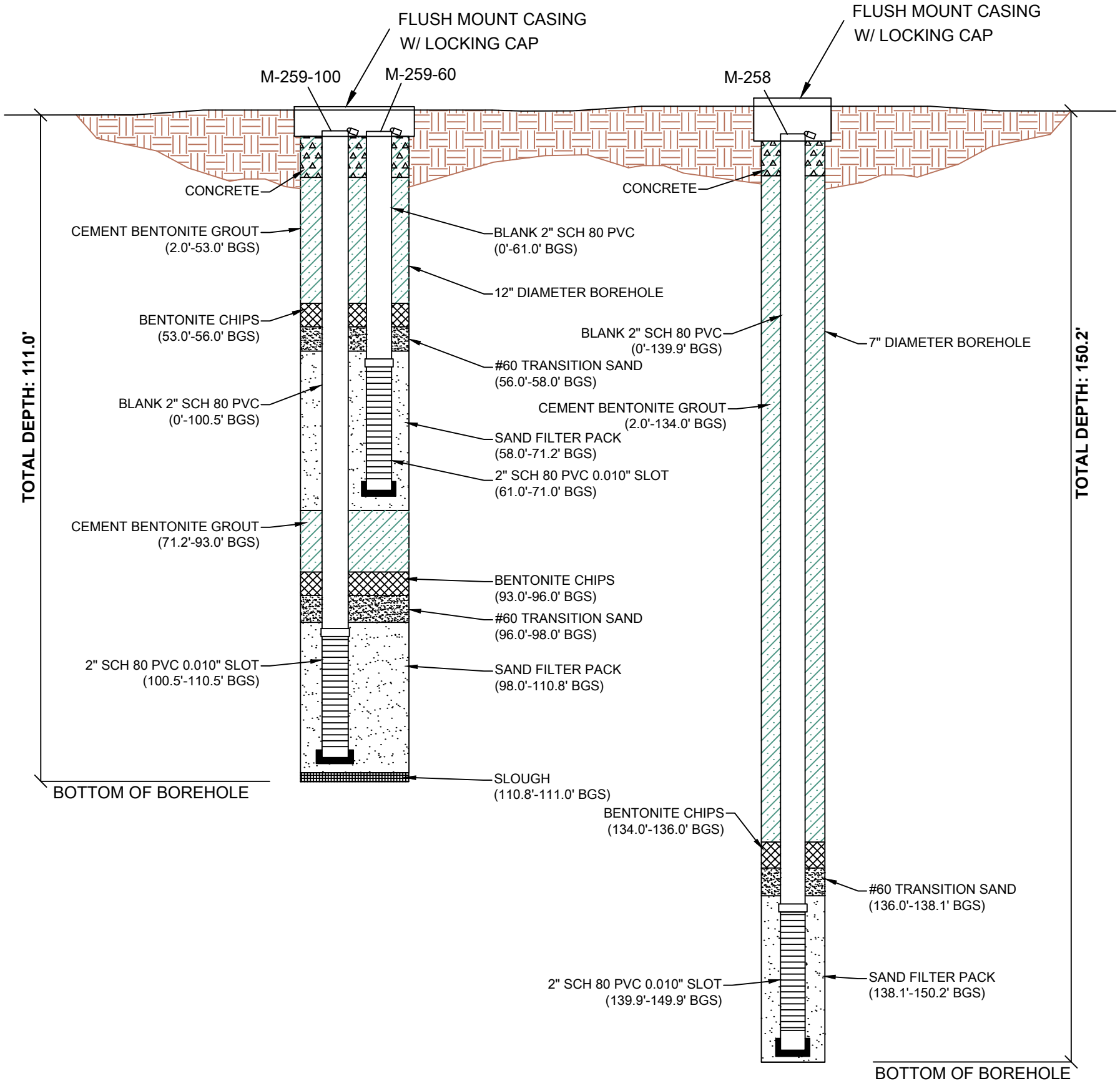
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION COMPREHENSIVE REPORT
HENDERSON, NEVADA

M-256-60/100, M-257 WELL CONSTRUCTION DIAGRAM

Project No.:	117-7502018
Date:	MARCH 16, 2018
Designed By:	JX
Figure No.	D-6

\\TTS318FS3.TT.LOCAL\GEO\GEOIRV\VOL1\PROJECTS\DATA\ACAD\NERT\WELL DESIGN\NERT WELL CONSTRUCTION DIAGRAM_M-241_M-259_V3.DWG



NOTES:

1. NOT TO SCALE
2. BGS: BELOW GROUND SURFACE
3. AGS: ABOVE GROUND SURFACE

\\TTS318FS3.TT.LOCAL\GEO\GEOIRVVOL1\PROJECTS\DATA\ACAD\NERT\WELL DESIGN\NERT WELL CONSTRUCTION DIAGRAM_M-241_M-259_V3.DWG

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Henderson, Nevada 89015
PHONE: (702) 854-2293

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION COMPREHENSIVE REPORT
HENDERSON, NEVADA

M-259-60/100, M-258 WELL CONSTRUCTION DIAGRAM

Project No.:	117-7502018
Date:	MARCH 16, 2018
Designed By:	JX

Figure No.
D-7

Appendix E
Well Development Logs and Groundwater Sampling Forms

Well Development Logs: Second Mobilization

Groundwater Sampling/Development Form - continued

Company: TetraTech, Inc.
Client: NERT
Project #: 117-7502016-M02
Purged w/: Sub pump

Date: 12/22/16
Well Name/No.: 0405-~~MW-8~~ 9 / M-241 CJL 2/13/18
Sampler(s): J. Bunkers
Sampled w/:

Decon procedures prior to sampling: Alconox, DI Rinse

Total Depth of Well (feet) 150.5 - Depth to Water before Pumping (feet) ~~37.65~~ = 112.85

Height of Water Column (feet) x **0.16 (2")** / **0.65 (4")** = 63.19 gal x 10 (Casing Volumes)

Total Volume to be Purged 632 (gallons) → previously purged 160 gal

Depth of Purging Equipment (feet): 150

Time	Volume Purged	Pumping Rate	pH	Temp (°C)	Conductivity (mS.cm)	Turbidity	Clarity/Color
1135	160		8.12	24.47	1.22	25.2	clear
1147	170		9.10	25.64	1.07	>1000	clear
1201	180		9.46	25.75	1.11	>1000	clear
1219	190		9.50	25.77	1.11	>1000	clear
1446	200		9.40	25.46	1.07	>1000	clear
1331	210		8.76	26.08	1.02	>1000	clear
1411	220		9.25	25.55	1.04	>1000	clear
1449	230		9.87	26.38	1.13	>1000	clear
1456	240		10.12	26.65	1.19	>1000	clear
1505	250		10.20	26.65	1.22	>1000	clear
1510	255		10.15	26.65	1.20	>1000	clear
1542	260		8.23	26.25	1.00	36.2	clear

Total Purge Volume (gal): 260

Sample Inventory

Label	Time	Number/Type of Bottles	Chemical Analysis
		6 / Various	8260B, 200.7, 314.0, 7199

Additional Notes On Well/Sampling Point:

Fate of Purge Water:
Drum / Water Tote

Groundwater Sampling/Development Form - continued

Company: TetraTech, Inc.
Client: NERT
Project #: 117-7502016-M02
Purged w/: Submp

Date: 12/23/16
Well Name/No.: ~~MW-89~~ / M-241 CJL 2/15/18
Sampler(s): J. Bunkers
Sampled w/: —

Decon procedures prior to sampling: Alconox, DI Rinse

Total Depth of Well (feet) 150.5 - Depth to Water before Pumping (feet) 53.6 = 96.9

Height of Water Column (feet) x 0.16 (2") / ~~0.65 (4")~~ = 63.0 gal x ~~3~~ 10 (Casing Volumes)

Total Volume to be Purged 632 (gallons) → previously purged 260 gal

Depth of Purging Equipment (feet): 150

Time	Volume Purged	Pumping Rate	pH	Temp (°C)	Conductivity (mS.cm)	Turbidity	Clarity/Color
0915	260		7.19	23.84	1.00	252	clear
0923	270		7.34	25.30	0.974	0	
0935	280		8.19	25.90	0.986	0	
0943	290		8.38	26.03	0.987	0	
0944	300		8.54	26.17	0.995	0	
0956	310		8.94	26.25	1.02	0	
1008	320		8.98	26.28	1.05	0	
1015	332		8.10	26.18	1.00	0	
1100	338		8.03	25.92	1.00	0	
1115	340		8.29	26.11	1.01	0	
1130	342		8.29	25.87	1.01	0	
1145	345		8.24	25.90	1.01	0	
1200	347		7.98	26.21	0.996	0	

continued on next page

Total Purge Volume (gal): 347

Sample Inventory

Label	Time	Number/Type of Bottles	Chemical Analysis
		6 / Various	8260B, 200.7, 314.0, 7199

Additional Notes On Well/Sampling Point:

Fate of Purge Water:
Drum / Water Tote

Groundwater Sampling/Development Form

Company: TetraTech, Inc.
Client: NERT
Project #: 117-7502016-M02
Purged w/: Sub pump

Date: 12/23/16 Continued
Well Name/No.: OU5-~~Well 9~~ / M-241
Sampler(s): J. Bunkers
Sampled w/: —

csl 2/15/18

Decon procedures prior to sampling: Alconox, DI Rinse

Total Depth of Well (feet)_____ - Depth to Water before Pumping (feet)_____ = _____

Height of Water Column (feet) x **0.16 (2") / 0.65 (4")** = _____ gal x **3** (Casing Volumes)

Total Volume to be Purged _____ (gallons) See previous page

Depth of Purging Equipment (feet):_____

Time	Volume Purged	Pumping Rate	pH	Temp (°C)	Conductivity (mS.cm)	Turbidity	Clarity/Color
1215	350		7.86	26.24	0.992	0	clear
1230	351		7.86	24.79	0.990	0	clear
1245	353		7.87	26.32	0.993	0	clear
1253	360		8.90	26.62	1.04	0	clear
			See next page				

Total Purge Volume (gal): 360

Sample Inventory

Label	Time	Number/Type of Bottles	Chemical Analysis
		6 / Various	8260B, 200.7, 314.0, 7199
		JB	

Additional Notes On Well/Sampling Point:

Fate of Purge Water:
Drum / Water Tote

Groundwater Sampling/Development Form - continued

Company: TetraTech, Inc.
Client: NERT
Project #: 117-7502016-M02
Purged w/: subpump

Date: 12/28/16 - 12/29/16
Well Name/No.: ~~U4U6-MW18~~ 9/M-241 CSL 2/15/18
Sampler(s): J. Bunkers
Sampled w/: —

Decon procedures prior to sampling: Alconox, DI Rinse

Total Depth of Well (feet) 150.5 - Depth to Water before Pumping (feet) 38.3 = 112.2

Height of Water Column (feet) x **0.16 (2") / 0.65 (4")** = 72.9 gal x ~~3~~ 10 (Casing Volumes)

Total Volume to be Purged 632 (gallons) ← from previous → previously purged 360 gal

Depth of Purging Equipment (feet): 150

Time	Volume Purged	Pumping Rate	pH	Temp (°C)	Conductivity (mS.cm)	Turbidity	Clarity/Color
1907	360		6.84	24.90	0.999	0	clear
1912	370		7.67	25.61	0.983		
1918	380		7.98	25.68	0.980		
1923	390		8.48	25.76	0.987		
1930	400		8.53	25.80	0.990		
1937	410		8.58	25.83	0.993		
1948	420		8.71	25.73	0.907		
1958	430		8.73	25.87	0.980		
12/29 0123	440						
0132	450			Horiba batteries dead			
0142	460						
0152	470						
0202	480						

Total Purge Volume (gal): Continued next page

Sample Inventory

Label	Time	Number/Type of Bottles	Chemical Analysis
		6 / Various	8260B, 200.7, 314.0, 7199

Additional Notes On Well/Sampling Point:

Fate of Purge Water:
Drum / Water Tote

Groundwater Sampling/Development Form

Company: TetraTech, Inc.
Client: NERT
Project #: 117-7502016-M02
Purged w/: Sub pump

Date: 12/29/16
Well Name/No.: UWS-well 8 / M-241 CDC 2/15/18
Sampler(s): Jesse Bunkers
Sampled w/:

Decon procedures prior to sampling: Alconox, DI Rinse

Total Depth of Well (feet) 150.5 - Depth to Water before Pumping (feet)_____ = _____

Height of Water Column (feet) x **0.16 (2") / 0.65 (4")** = _____ gal x **3** (Casing Volumes)

Total Volume to be Purged 632 (gallons) See previous page

Depth of Purging Equipment (feet): 150

Time	Volume Purged	Pumping Rate	pH	Temp (°C)	Conductivity (mS.cm)	Turbidity	Clarity/Color
0629	480		7.24	25.09	0.971	0	clear(c)
0638	490		7.66	25.54	0.971	0	C
0647	500		8.50	25.54	1.00	0	C
0659	510		8.98	25.82	1.03	0	C
0710	520		9.06	25.67	1.04	0	C

See next page

Total Purge Volume (gal): _____

Sample Inventory

Label	Time	Number/Type of Bottles	Chemical Analysis
		6 / Various	8260B, 200.7, 314.0, 7199
		15	

Additional Notes On Well/Sampling Point:

Fate of Purge Water:
Drum / Water Tote

5 of 6

Groundwater Sampling/Development Form (continued)

Company: TetraTech, Inc.
Client: NERT
Project #: M02
Purged w/: Sub pump

Date: 12/29/16 - 12/30/16
Well Name/No.: U405-~~S monitoring well~~ 9/M-241
Sampler(s): Jesse Bunkers
Sampled w/: ——

CW 2/15/18

Decon procedures prior to sampling: Alconox, DI Rinse

Total Depth of Well (feet) 150.5 - Depth to Water before Pumping (feet) see previous pages = ——

Height of Water Column (feet) x **0.16 (2") / 0.65 (4")** = ——— gal x **3** (Casing Volumes)

Total Volume to be Purged 632 (gallons), previously purged 520 gal

Depth of Purging Equipment (feet): 150

Time	Volume Purged	Pumping Rate	pH	Temp (°C)	Conductivity (mS.cm)	Turbidity	Clarity/Color
1815	530		7.71	25.72	0.977	0	clear
1822	540		8.52	26.89	0.991	0	clear
1833	550		8.58	25.42	0.995	0	clear
1847	560		8.94	25.72	1.00	0	clear
1902	570		9.09	25.16	0.997	0	clear
0110	580		7.27	24.83	0.976	0	clear
0116	590		8.45	25.63	0.980	0	clear
0122	600		8.82	25.80	0.992	0	clear
0129	610		8.98	25.79	0.996	0	clear
0139	620		8.97	25.20	0.996	0	clear
0625	630		8.45	25.73	0.995	0	clear
0628	632		8.83	25.85	0.996	0	clear

12/29/16
12/30/16

Total Purge Volume (gal): 632

Sample Inventory

Label	Time	Number/Type of Bottles	Chemical Analysis

Additional Notes On Well/Sampling Point:

Fate of Purge Water:

Groundwater Sampling/Development Form - continued

Company: TetraTech, Inc.
Client: NERT
Project #: 117-7502016-M02
Purged w/: Sub pump

Date: 12/22/16
Well Name/No.: 0405-Well 8
Sampler(s): J. Bunkers
Sampled w/:

Decon procedures prior to sampling: Alconox, DI Rinse

Total Depth of Well (feet) 150.5 - Depth to Water before Pumping (feet) 37.65 = 112.85

Height of Water Column (feet) x **0.16 (2")** / **0.65 (4")** = 63.19 gal x 10 (Casing Volumes)

Total Volume to be Purged 632 (gallons) → previously purged 160 gal

Depth of Purging Equipment (feet): 150

Time	Volume Purged	Pumping Rate	pH	Temp (°C)	Conductivity (mS.cm)	Turbidity	Clarity/Color
1135	160		8.12	24.47	1.22	252	clear
1147	170		9.10	25.64	1.07	>1000	clear
1201	180		9.46	25.75	1.11	>1000	clear
1219	190		9.50	25.77	1.11	>1000	clear
1444	200		9.40	25.46	1.07	>1000	clear
1331	210		8.76	26.08	1.02	>1000	clear
1411	220		9.25	25.55	1.04	>1000	clear
1449	230		9.87	26.38	1.13	>1000	clear
1456	240		10.12	26.65	1.19	>1000	clear
1505	250		10.20	26.65	1.22	>1000	clear
1510	255		10.15	26.65	1.20	>1000	clear
1542	260		8.23	26.25	1.00	36.2	clear

Total Purge Volume (gal): 260

Sample Inventory

Label	Time	Number/Type of Bottles	Chemical Analysis
		6 / Various	8260B, 200.7, 314.0, 7199

Additional Notes On Well/Sampling Point:

Fate of Purge Water:
Drum / Water Tote

Well Development Logs: Third Mobilization

WELL DEVELOPMENT LOG
Flush Mount

TETRA TECH

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 10/26/17	Task Manager: *Marroquin*	Recorded by: K. McGuire

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*

Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*

Initial Depth to Water (ft BMP): 33.92 Time: 15:22

Contractor:

Well ID: ~~257-100~~ ~~257-60~~ 247-60

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) =

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

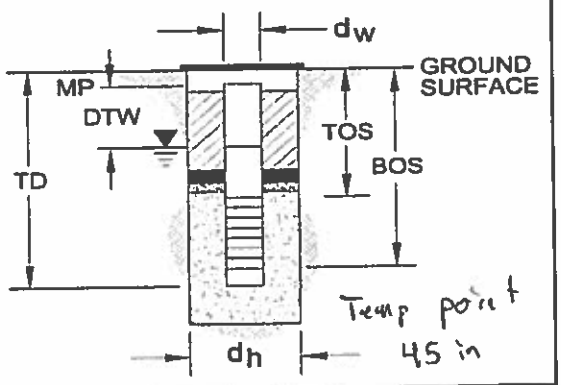
Depth to Top of Screen, TOS (ft BGS) =

Depth to Bot of Screen, BOS (ft BGS) =

Total Depth of Well, TD (ft BGS) = 70.8

Casing Volume, V_C, (gal) = (36.88)(0.153)

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 5.6



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (Waterra, pump, bail...)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/26	0915		33.99									WL from TOC
	0916			Surge								
	0940		38.18									WL from temp MP
	0946	10:06	51.72	Pump	3	3		–	–	–	–	muddy → cloudy
	10:06	10:18	–	Pump	1	4		–	–	–	–	Pump stopped, inspect valve
	~~10:27~~ 1052	1057	–	Pump	2	6		–	–	–	–	valve ~~changed~~ fixed
	1057	11:02	63.01	Pump	4	10		–	–	–	–	cloudy
	11:02	11:10	64.05	Pump	4	14		–	–	–	–	
	11:10	11:19	65.10	Pump	4	18		–	–	–	–	
	11:19	11:26	64.61	Pump	4	22		–	–	–	–	slightly cloudy
	11:26	11:35	64.43	Pump	4	26		–	–	–	–	
	11:35	11:44	63.50	Pump	4	30	5.3	–	–	–	–	stopped, Tank full
	12:48	13:07	50.05	Pump	4	34		21.25	3.27	12.11*	9	Pump started
	1307	13:21	49.44	Pump	4	38		21.09	3.09	12.12*	25	
	1321	1334	51.55	Pump	4	42		20.78	2.83	12.05*	0	
	1339	1341	50.00	Pump	2	44		20.80	2.76	12.01*	0	
	1341	1352	49.01	Pump	2	46	8.2	20.92	2.68	11.99*	0.8	Pump Stopped

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

* pH bump Test shows meter reading at ~3.5

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation, 3rd Mobilization* | Task No.: M-02-01

Date: | Task Manager: *Marroquin* | Recorded by:

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*

Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*

Initial Depth to Water (ft BMP): 33.67 | Time: 15:20

Contractor:

Well ID: ~~257 100~~ ~~257 100~~

Well Construction Details: MW-247-100

Date Installed =

Measuring Point, MP (ft BGS) = 3.8

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 7

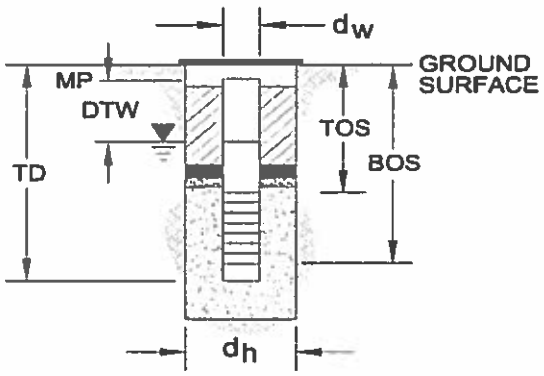
Depth to Top of Screen, TOS (ft BGS) = 100

Depth to Bot of Screen, BOS (ft BGS) = 110

Total Depth of Well, TD (ft BGS) = 110

Casing Volume, V_C, (gal) =

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 11.1



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log								Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (Waterra, pump, bail...)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/25	1535	1540	33.67	Surge		-	-	-	-	-	-	
	1540	1550	67.11	pump	5	5	-	-	-	-	-	brown, muddy
	1550	1558	87.64	Pump	+3	8	-	-	-	-	-	cloudy
	1558	16:04	104.87	Pump	4	12	-	-	-	-	-	cloudy
	16:04	1612	105.15	Pump	4	16	-	-	-	-	-	clearing up
	16:12	1618	106.85	Pump	4	20	1.8	-	-	-	-	Pump stopped, Horiba connected
	1618	1621	106	—	—	-	-	-	-	-	-	WL; Pump started
	1621	1629	108.51	Pump	4	24		21.02	1.84	7.91	135	
	1629	1640	112.82	Pump	4	28		21.03	1.58	7.37	462	cloudy
	1640	1643	113.53		2	30		21.05	1.51	7.47	724	well dry
10/26		1413	34.05	—	—	-		-	-	-	-	WL TOC
	1415			Surge	-	-		-	-	-	-	
16	1422		38.53	-	-	-		-	-	-	-	WL Temp MP
20 ~~28~~	1424	1436	67.23	Pump	4	34		21.01	0.884	6.05	106	
29	1428	1438	92.62	Pump	5	39		20.94	0.896	-	142	pH meter reboot
30	1438	1447	106.35	Pump	5	44		20.90	0.909	4.82	96	
39	1447	1454	107.13	Pump	5	49	4.4	20.82	0.993	6.65	30	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

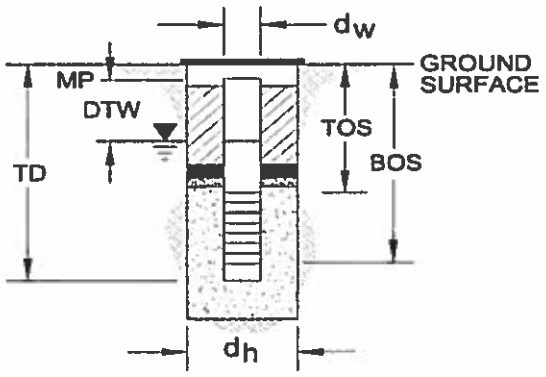
NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date:	Task Manager: *Marroquin*	Recorded by:
Development Criteria: *10 well volumes or stabilized water quality parameters*		
Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing, Final Development Includes Collecting Water Quality Parameters.*		
Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*		
Initial Depth to Water (ft BMP):		Time:
Contractor:		

Well ID: M-247-100

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	
Depth to Top of Screen, TOS (ft BGS) =	100
Depth to Bot of Screen, BOS (ft BGS) =	110
Total Depth of Well, TD (ft BGS) =	110
Casing Volume, V_c (gal) =	
$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$	11.1



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (Waterra, pump, bail...)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/26	1454	1501	110.77	Pump	5	54		20.89	0.925	7.20	115	
	1581	1512	113.51	Pump	5	59		21.13	0.994	7.36	392	Well Dry
10/31	1307		32.75									WL from Temp MP
	1308		"	Surge	<1							Surged well
	1309	1319	71.66	pump	4	63		25.26	1.03	7.56	13.3	begin pumping
10/31	1207		37.35									WL from Temp MP
	1208			Surge	<1							Surged well
	1209	1219	71.66	pump	4	63		25.26	1.03	7.56	13.3	begin pumping
	1243	1250	76.75	pump	4	8.71	6.4	25.41	1.03	7.55	12.4	returned to pumping
	1250	1302	85.03	pump	4	75		25.54	1.03	7.66	3.5	
	1302	1316	87.74		3	78		25.86	1.04	7.69	1.3	
	1316	1332	88.35		2	80		25.81	1.03	7.70	0.0	
	1332	1346	94.34		3	83		25.33	1.03	7.66	0.7	
	1346	1350	99.70		3	86	7.7	25.34	1.06	7.63	1.7	raised speed of pump
	1350	1401	104.70		2	88		25.41	1.08	7.63	4.7	

40
45
0
4
0
4
8
12
15
17
20
23
25

well casing contraction

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-247-100	11.1	100 110

	Development Log							Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
27	10/31	1401	1406	107.1	pump	2	90		25.18	1.09	7.62	4.8	
28		1406	1408			1	91		25.28	1.07	7.63	2.9	Well parameters stabilized

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

WELL DEVELOPMENT LOG
Flush Mount

TETRA TECH

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 9/27/17	Task Manager: *Marroquin*	Recorded by:
Development Criteria: *10 well volumes or stabilized water quality parameters*		
Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*		
Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*		
Initial Depth to Water (ft BMP): 26.88		Time: 1556
Contractor: Walker Mill		

Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	Weighted	Surgical Foot valve
Material:	poly	Stainless	PVC
Dimension:	1/2" id	2.5 LEX 1.75 in	5/8" FNPT
Other:	Foot Valve	New Cord for well	Non-sparking hammer

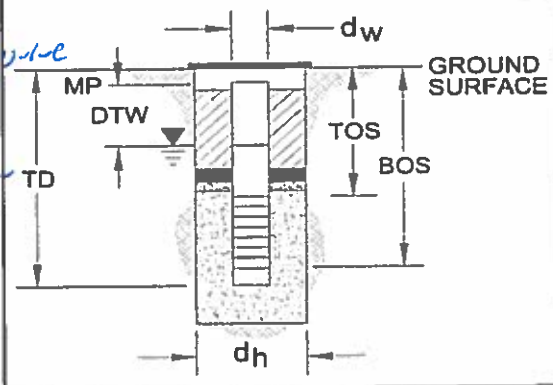
Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Well ID: M-148

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	140.5
Depth to Bot of Screen, BOS (ft BGS) =	150.2
Total Depth of Well, TD (ft BGS) =	150.7
Casing Volume, V_c, (gal) =	~~123.82~~ (123.82)(0.15)
$V_c = 7.48\,[\pi\, d_w/2/12)^2\,] * [(TD-MP) - DTW\,] =$	18.9



Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
9/27	1220		26.86	Pump								initially cloudy, then muddy
	1220	1230			5			-	✓	<	-	Slightly cloudy
	1230	1250	108.6		10			-	-	-	-	
	1051	1307	142.00		12	27	1.4	-	-	-	-	off. 1320 132.75
9/28	~~1015~~		30.41	Pump				-	-	-	-	Set 1' above bottom
	1051	1105			7			-	-	-	-	cloudy to muddy 2 min.
	1105	1137	133.78		11			-	-	-	-	muddy, turn off
	1140	~~1140~~						-	-	-	-	sl. cloudy
	1140	1152	149.50		6	51		-	-	-	-	run dry, turn off
												1155 147.7 1200 144.68
9/29	1150		31.25	Pump	Hose							
	1150	1222			16	73		-	-	-	-	clear to cloudy
	1222	1237	146.6		22			-	-	-	-	clear (5 gals) 145.25 @
10/2	1237		28.83									@ clear to sl. 1345
	1237	1335	146.1		25	98	5.2	-	-	-	-	cloudy @ 1845 run dry
10/3	1127		32.20									1' off bottom clear to
	1127	1225	145.91		22	120	6.4	-	-	-	-	muddy (30sec) run dry

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 9/26/17	Task Manager: *Marroquin*	Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

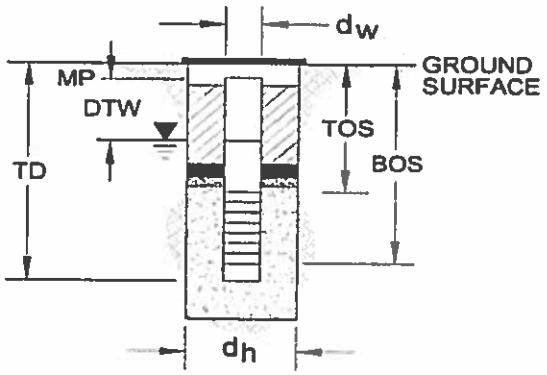
Initial Depth to Water (ft BMP): 26.58 Time: 1556

Contractor: WHE Rodney LaBrosse

Well ID: M-24B

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	140.5
Depth to Bot of Screen, BOS (ft BGS) =	150.2
Total Depth of Well, TD (ft BGS) =	150.7
Casing Volume, V_C, (gal) =	(123.82) (0.153)
$V_C = 7.48\ [\pi\ d_w/2/12)^2\ ] * [(TD\text{-}MP) - DTW\ ] =$	18.9



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra		
Material:	Poly		
Dimension:	½" ID		
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/4	0920		23.61	Pump								Top of screen
		0925			2			–	–	–	–	Muddy (1 min) to clear
	0936	0937			5			–	–	–	–	Drop 2'
	0947	0947			5			–	–	–	–	Drop 2'
	1000	1000			5			–	–	–	–	run dry, drop 2', slowly
	1014	1015			5			–	–	–	–	run dry, set bottom, cloudy
		1025	147.90		32.5	143	7.6					run dry

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-248	18.9	140-150

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)	
10/6	0920	0925	33.61	Pump	2			-	-	-	-	TOS Muddy (1 min)	
	0925	0936			5			-	-	-	-	Drop 2'	
	0937	0947			5			-	-	-	-	Drop 2'	
	0947	1000			3			-	-	-	-	Run dry drop 2'	
	1000	1014			5			-	-	-	-	Run dry set at BOS	
	1015	1025	147.90		3 (23)	143	7.6	-	-	-	-	Run Dry	
0	10/13	1037		32.45								WL from temp MP	
		1040	1044		1							BOS Muddy (1 min)	
		1045	1055	81.45	4			25.44	0.954	7.92	19.4		
9		1055	1102	107.	4			25.64	0.954	7.88	43.8		
12		1102	1110	123.5	3			25.70	0.954	8.05	80.8		
18		1110	1125	151.6	22 6	165	8.7	25.92	0.944	8.15	74.2		
	10/16	1204		32.65								Water Level from temp MP	
5		1208	1215	66.11	pump 4	169		25.58	0.964	6.88	12.6		
9		1215	1223	87.75	4	173		25.12	0.958	6.85	22.1		
12		1223	1229	107.30	4	177		25.74	0.968	6.85	37.6		
16		1229	1238	128.35	4	181		25.86	0.946	6.90	70.1		
20		1238	1246	143.40	4	185		25.99	0.967	7.13	94.3		
23		1246	1253	151.0	3	188		26.40	0.970	7.06	36.1		
30	10/18	1006		33.87								WL from temp MP	
34		1010	1016	62.00	pump 4	192	10.2	25.06	0.908	6.97	20.0	Begin	
38		1016	1027	91.42	4	196		25.24	0.928	6.90	16.9		
42		1027	1036	108.01	4	200		25.31	0.931	6.91	19.8		
46		1036	1052	142.09	4	204		25.58	0.935	6.94	32.2		
50		1052	1059	148.42	4	208	11	25.66	0.935	6.97	124	Ran dry, End	
	10/19	—	1355	32.48									11
52		1406	1408	49.3				25.68	.986	7.39	294		13
55		1408	1417	76.4		213		25.71	.981	7.19	140		16
59		1417	1423	86.70		217		25.71	.956	7.17	117		20
64		1423	1431	119.8		222		25.83	.954	7.19	600		25
68			1441	136.4		226		25.99	.955	7.21	523		29
70			1448	145.9		228		26.10	1.05	7.28	326		31

AGS = Above Ground Surface
BGS = Below Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 9/26/17 | Task Manager: *Marroquin* | Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

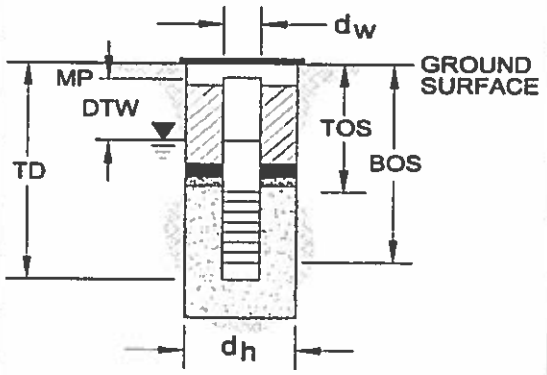
Initial Depth to Water (ft BMP): 26.88 | Time: 1556

Contractor: WHF Rodney LaBrosse

Well ID: MW-748

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	140.5
Depth to Bot of Screen, BOS (ft BGS) =	150.2
Total Depth of Well, TD (ft BGS) =	160.7
Casing Volume, V_c, (gal) =	(123.82)(0.153)
$V_c = 7.48\,[\pi\, d_w/2/12)^2] * [(TD-MP) - DTW] =$	18.9



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra		
Material:	Poly		
Dimension:	½" ID		
Other:			

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	0920	0925	33.61	Pump	2			—	—	—	—	TOS Muddy (1 min)
	0925	0936			5			—	—	—	—	Drop 2'
	0937	0947			5			—	—	—	—	Drop 2'
	0947	1000			3			—	—	—	—	run dry drop 2'
	~~1000~~	~~1015~~ 1017			5			—	—	—	—	run dry set at BOS
	1015	1025	147.40		3(23)	143	7.6	—	—	—	—	run dry.
			141.21									
10/12	1256	~~1302~~	~~141.21~~									TOC WL
	1302	1384	142.4	Pump	10							Muddy, Set @ BOS
	1324	~~1330~~	119.5		5							Cloudy
	1330											
10/13	1037		32.45									WL from temp MP
	1040	1044	~~81.45~~		1			—	—	—	—	BOS Muddy (1mm)
	1045	1055	81.45		4			25.44	0.959	7.92	19.4	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
m-248	18.9	140-150

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/19	1448	1452	154.4		~~20~~	231		26.25	1.01	7.27	340	
10/22	1250	1255		Surge								
	1255		34.95									From temp MP
	1300	1307	85.83	Pump	5			25.51	0.968	8.42	5.4	Muddy to clear
	1307	1315	100.8		5			25.52	0.965	8.44	12.0	
	1315	1324	124.8		5			25.70	0.952	8.44	22	
	1324	1335	147.9		5			25.91	0.957	8.46	49.0	
	1335	1340	152.27		2	253	13.4	26.25	0.969	8.48	269	
~~10/24~~	~~1240~~		~~116.99~~	~~Pump Surge~~								~~WL; pH meter would not Calibrate~~
	~~1240~~	~~1257~~	~~74.95~~	~~Pump~~	~~5~~	~~258~~		~~21.81~~	~~1.24~~	~~10.03~~	~~106~~	
	~~1257~~	~~1312~~	~~84.71~~	~~Pump~~	~~5~~			~~26.82~~	~~1.26~~	~~9.89~~	~~152~~	
	~~1312~~											
10/25	7:50	7:55		Surge								
10/25	7:57		34.52	~~Surge~~								WL from temporary point
	7:59	8:10	76.65	Pump	4	257		20.99	0.858	7.58	26.7	muddy to clear
	8:10	8:20	97.99	Pump	4	261		20.78	0.854	7.8	48.8	lowered to bottom
	8:20	8:25	111.98	Pump	4	265		20.85	0.851	7.85	69.9	
	8:25	8:37	133.35	Pump	4	269		21.02	0.849	—	157	PH meter malfunction
	8:37	8:48	146.31	Pump	4	273		21.23	0.844	5.93	158	
	8:48	8:52	158.2	Pump	3	276	14.6	21.30	0.855	7.18	46.8	Well dry
10/26	0745		31.91									WL from TOC
	0745	0755		Surge								Screen zone
	0806		36.59									WL from temp MP
	0807	0817	72.31	Pump	4	280		20.56	0.746	7.47	12.7	
	0817	0825	99.17	Pump	4	284		20.70	0.739	7.72	53.3	
	0825	0834	114.29	Pump	~~4~~ 6	290		20.80	0.742	7.79	118	
	0834	0844	142.09	Pump	4	294		20.98	0.738	7.81	185	
	0844	0851	148.95	Pump	2	296	15.6	20.88	0.753	7.83	186	Well dry
10/27	1243		36.06	Surge								WL from temp MP
	1244	1252	73.76	Pump	4	300		25.35	0.843	7.97	15.6	
	1252	1303	97.85	Pump	4	304		25.47	0.844	7.99	47.6	
	1303	1316	118.05	Pump	4	308	16.2	25.62	0.846	8.00	159	

JPM 10/24/17

AGS = Above Ground Surface
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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

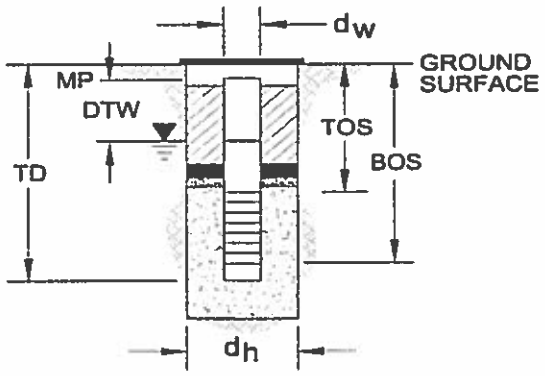
NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date:	Task Manager: *Marroquin*	Recorded by:
Development Criteria: *10 well volumes or stabilized water quality parameters*		
Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*		
Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*		
Initial Depth to Water (ft BMP):		Time:
Contractor:		

Well ID: M-248

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	
Depth to Top of Screen, TOS (ft BGS) =	
Depth to Bot of Screen, BOS (ft BGS) =	
Total Depth of Well, TD (ft BGS) =	
Casing Volume, V_c, (gal) =	
$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$	18.9



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:			
Material:			
Dimension:			
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/27	1316	1332	133.60	Pump	4	312		25.82	0.848	8.00	~~600~~	Brown water NTU reads 0
	1332	1346	143.88	Pump	4	316		26.04	0.854	8.03	–	Brown water NTU reads 0
	1346	1402	151.52	Pump	4	320		26.00	0.853	8.04	967	Brown
	1402	1435	152.41	Pump	3	323		26.54	0.863	8.05	120	cloudy → clear
	1435	1459	—	Pump	2	325		25.97	0.856	8.20	845	well dry
10/31	1245		29.50									WL from Temp MP
	1250	–		surge								hand surge entire well begin using surge block
	–	1330		surge								End Surging well
	1404		36.91	DTW								using surge block/surgeshield.
	1405	1412	~~30.2~~	Pump	5	330		–	–	–	–	WL from top of 4" temporary riser, cloudy, brown
	1412	1418	91.6	Pump	5	335		–	–	–	–	
	1418	1429	119.4	Pump	5	340		–	–	–	–	
	1429	1436	133.8	Pump	4	344		–	–	–	–	
	1436 ~~1453~~	1453	147.75	Pump	4	348		–	–	–	–	
	1453	1500	151.19	Pump	1	349	18.5	–	–	–	–	Stop pumping

AGS = Above Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

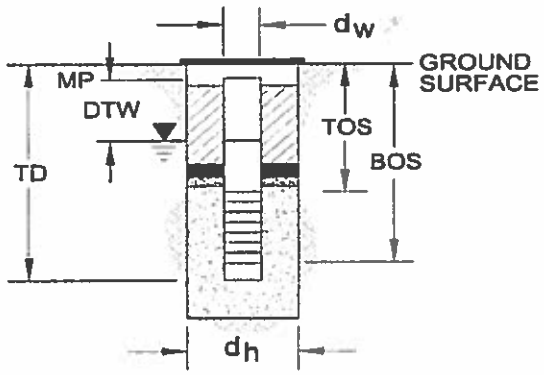
NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date:	Task Manager: *Marroquin*	Recorded by:
Development Criteria: *10 well volumes or stabilized water quality parameters*		
Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*		
Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*		
Initial Depth to Water (ft BMP):		Time:
Contractor:		

Well ID: M-248

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	140.5
Depth to Bot of Screen, BOS (ft BGS) =	150.2
Total Depth of Well, TD (ft BGS) =	150.7
Casing Volume, V_C, (gal) =	
$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$	18.9



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (Waterra, pump, bail...)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	11/01	0730		41.29									WL from Temp MP
		0731	0735		Surge								surged well by hand
4	11/01	0735	0744	71.75	pump	4	353	18.7					begin pumping, muddy
8	11/01	0744	0808	98.80	pump	4	357	18.9	24.96	0.809	8.00	306	
12		0808	0826	113.70		4	361		25.07	0.814	7.87	1000+	cloudy, brown water
16	11/01	0826	0849	131.15		4	365		25.15	0.810	7.91	578	
20		0849	0906	136.21		4	369		25.25	0.810	7.95	705	cloudy
22		0906	0919	139.14		2	371		25.32	0.811	7.96	232	
24		0919	0928	141.25		2	373	15.5	25.49	0.816	7.96	870	cloudy
28		0928	0956	147.00		4	377		25.43	0.813	7.99	363	
30		0956	1006	148.31		2	379		25.53	0.809	7.98	225	
32		1006	1020	149.71		2	381		25.61	0.811	7.95	561	
36		1020	1048	150.71		4	385	20.37	25.85	0.807	7.99	1000+	
40		1048	1117	151.68		4	389		25.92	0.807	8.07	438	
42		1117	1139	154.19		2	391		25.95	0.806	8.08	838	
43		1142		154.76		1	392						well dry

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID: M-248	Borehole Volume (gal) 18.9	Screen Interval (ft bgs) 140.5 - 150.2

	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	11/2	0730		41.55	surge	<1							WL from temp MP, surge well
5	11/2	0735	0753	75.56	pump	5	397	21	24.65	0.834	7.37	72.2	Muddy, Begin pumping
7	11/2	0753	0803	84.03	pump	2	399		24.85	0.828	7.57	22.1	
9	11/2	0803	0814	92.12	pump	2	401		24.94	0.828	7.75	13.3	
14	11/2	0814	0845	105.96	pump	5	406	21.5	25.23	0.828	7.74	70.6	
16	11/2	0845	0901	120.00	pump	2	408		25.38	0.830	7.63	29.6	
20	11/2	0901	0913	127.34	pump	4	412		25.46	0.830	7.65	51.0	
24	11/2	0913	0932	143.31	pump	4	416	22	25.53	0.831	7.65	196	cloudy
28	11/2	0932	0944	154.21	pump	4	420		25.72	0.835	7.59	1000+	extremely cloudy
29	11/2		0946	ND		1	421						well dry, WL not detected
	11/2	1006		146.25	surge								recharged well for 20 min. then surged
30	11/2	1007	1012	149.00	pump	1	422		—	—	—	—	Pumped fines and mud in lower section
31	11/2	1012	1016	149.20	pump	1	423	22.4	—	—	—	—	well dry, end pumping
0	11/3	0750		41.64	surge	<1							WL from temp MP, surge well
5		0751	0807	77.41	pump	5	428	22.6					cloudy, begin pumping
10		0807	0828	96.92		5	433		24.56	0.823	7.50	89.2	
11		0828	0836	102.84		1	434		24.50	0.822	7.56	58.5	
15		0836	0859	113.81		4	438		24.32	0.823	7.60	116	
17		0859	0911	121.70		2	440		25.09	0.826	7.60	121	
20		0911	0923	130.35		3	443	23.4	25.18	0.823	7.60	109	
22		0923	0936	137.70		2	445		25.10	0.826	7.63	183	
24		0936	0948	141.48		2	447		25.16	0.826	7.64	258	
27		0948	1002	144.42		3	450		25.15	0.827	7.66	431	
30		1002	1026	146.47		3	453		24.96	0.826	7.71	913	
32		1026	1037	147.63		2	455		25.16	0.823	7.70	173	
35		1037	1104	146.65		3	458	24.2	24.80	0.826	7.76	177	well dry, Final WL
0	11/9	14:05		41.60	Pump	<1	458	24.2					WL From Temp Riser
4		14:05	14:16	69.90		4	460						Water Remains Clear
8		14:16	14:32	93.06		4	464		25.43	0.815	7.56	66.2	Pump Stalled briefly to attach kit
12		14:32	14:50	111.37		4	468		25.48	0.819	7.81	95.6	
16		14:50	15:05	129.70		4	472		25.70	0.817	7.86	304	Becomes Cloudy
20		15:05	15:14	146.96		4	476		25.80	0.819	7.84	286	Increase Flow
21		15:14	15:16	147.65		1	477		—	—	—	—	water below impeller foot at 1' off bottom

AGS = Above Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-248	18.9	140.5-150.2

	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	11/14	9:20	9:25	32.94	~~Pump~~ OTW	0	477	26.4	—	—	—	—	WL from Temp Mp
5		9:30	9:40	67.65	Pump	5	482		—	—	—	—	Start of pumping
8		9:42	9:57	81.02		3	485		24.62	0.797	7.44	21.2	Stop pumping briefly to get Horiba in line; Baker valve
12		9:57	10:31	104.05		4	489		25.29	0.795	7.68	147	
15		10:31	10:44	117.70		3	492		25.53	0.795	7.75	127	1' off bottom of well
20		1044	1105	129		5	497		25.74	0.795	7.82	66.4	
24		1105	1120	141.65		4	501		25.59	0.796	7.99	550	
25		1120	1125	141.65		1	502		25.72	0.796	7.96	270	
		1125	1208	113.08									Recharge/Surge
28		1208	1223	125.76		4	506		25.66	0.795	7.67	43.2	
32		1223	1241	142.43		4	510	28.2 ~~33.1~~	25.77	0.797	7.66	219	
		1241	1255	144.2					25.92	0.792	7.78	17.6	Dry
0	11/15	6:50		37.70	Surge	0	510	28.2	—	—	—	—	WL from Temp Mp (rise)
5		7:12	7:22	78.60	Pumping	5	515		—	—	—	—	Start pumping
8		7:22	7:30	91.40		3	518		24.41	0.782	6.69	79.2	[Pump stopped briefly to
12		7:30	7:40	114.60		4	522		24.90	0.781	7.48	190	install Horiba]
16		7:40	7:50	133.80		4	526	29.1	25.04	0.781	7.58	137	
20		7:50	7:58	144.65		4	530		25.19	0.780	7.63	193	
		7:58	~~8:40~~	107.20	Recharge	0	530		—	—	—	—	Dry, stop pump to recharge
28		8:43	8:50	117.40	Pumping	1	531		24.70	0.781	7.81	196	[Move Foot to mid screen
24		850	9:07	124.40		3			24.31	0.781	7.55	98.3	Begin pumping]
28		9:07	9:34	133.30		4			24.72	0.780	7.64	13.0	
31		9:34	9:50	139.70		3			—	—	—	—	lost Flow, lower ~~Foot~~ valve 1'
		9:50	10:05	129.50	Dry								could not get Flow, lower pump
		10:05	1055	101.75	Recharge								2nd 2 ft & then another 1 ft
		1055	1145	35.7	Recharge								
		1145	1207	87.2	Pumping	4			24.99	0.782	7.70	95.1	
30		1207	1230	78.34	Recharge								Out of fuel
34		1230	1242	100.5	Pumping	4			25.16	0.779	7.67	25.2	
38		12.42	13:00	116.7		4			25.22	0.779	7.71	44.0	
42		1300	1315	126.74		4			25.23	0.780	7.75	43.0	
46		1315	1337	136.82		4			25.31	0.781	7.85	44.0	
48		1337	1346	142.95		2			25.36	0.782	7.94	73.2	
50		1346	1353	149.5		2			25.54	0.784	7.68	25.0	to 110
		1353				2							

ASL = Above Sea Level
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
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Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 10/31/17 | Task Manager: *Marroquin* | Recorded by: C Chou

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*

Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*

Initial Depth to Water (ft BMP): 38.01 | Time: 1439

Contractor:

Well ID: MW49-60

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) =

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

Depth to Top of Screen, TOS (ft BGS) =

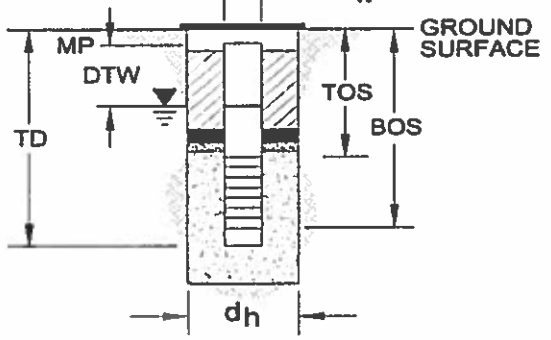
Depth to Bot of Screen, BOS (ft BGS) =

Total Depth of Well, TD (ft BGS) = 70.2

Casing Volume, V_C, (gal) =

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP)-DTW] =$

$(0.153)(32.16) = 4.92$



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (Waterra, pump, bail...)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	11/1	1350		44.59	surge								WL from temp MP, surged well
5		1351	1407	65.50	pump	5	5	1.0	25.92	1.87	11.53	126	Begin pumping,
7		1407	1413	66.00		2	7	1.4	25.70	2.19	11.34	32.0	
10		1413	1418	67.43		3	10	2.0	25.68	2.09	11.23	47.0	
12		1418	1424	69.29		2	12		25.69	2.16	11.19	18.4	
15		1424	1432	69.50		3	15	3.0	25.75	2.28	11.04	14.8	
17		1432	1436	72.51		2	17		25.77	2.33	11.21	20.5	
20		1436	1444	74.05		3	20		25.76	2.37	11.43	40.1	
22		1444	1453	72.63		2	22	4.5	26.53	2.60	11.60	34.6	
23		1453	1500			1	23	4.7					well dry
31	11/2	1032		42.35									WL from temp MP
33		1033	1043	58.10	pump	2	25	5.1	25.57	2.50	10.78	45.1	Begin pumping
35		1043	1049	63.43		2	27		25.65	2.51	10.83	40.8	
37		1049	1057	66.25		2	29		25.64	2.55	10.86	10.2	
40		1057	1106	67.61		3	32	6.5	25.60	2.55	10.88	5.7	
42		1106	1113	67.80		2	34		25.49	2.51	10.81	0.2	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRATECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-249-60	4.92	60-70

	Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbid-ity (NTU)	
45	11/2	1113	1124	69.41	pump	3	37	7.5	25.50	2.47	10.71	2.3	
47	11/2	1124	1130	70.38	pump	2	39	7.9	25.48	2.50	10.67	6.2	
50	11/2	1130	1141	72.40	pump	3	42		25.58	2.60	9.71	18.1	
2	11/2	1141	1153	73.07	pump	2	44		25.62	2.58	10.22	9.0	switch totes
3	11/2	1153	1156	73.07	pump	1	45		25.63	2.49	10.29	3.4	slowed pump
4	11/2	1156	1200	73.08	pump	1	46		25.26	2.47	10.26	0.8	
5		1200	1207	73.10	pump	1	47		25.72	2.49	10.24	0.0	
7		1207	1216	73.27	pump	2	49	10	25.64	2.52	10.26	0.0	
10		1216	1228	73.37	pump	3	52	10.6	25.79	2.54	10.34	2.8	
11		1228	1232	74.05	pump	1	53	10.8	25.80	2.55	10.34	1.4	well dry, well developed

AGS = Above Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well

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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
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uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 10/31/17 | Task Manager: *Marroquin* | Recorded by: C. Chou

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): 37.41 | Time: 1435

Contractor:

Well ID: M-249-100

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) =

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

Depth to Top of Screen, TOS (ft BGS) =

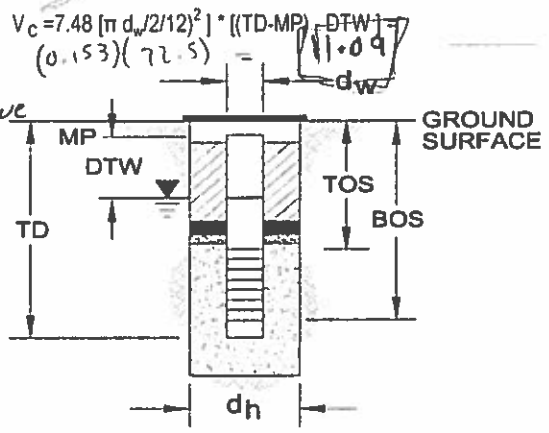
Depth to Bot of Screen, BOS (ft BGS) =

Total Depth of Well, TD (ft BGS) = 109.90

Casing Volume, V_c, (gal) =

$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$

$(0.153)(72.5) =$ 11.09



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	weighted	Inertial footvalve
Material:	HDPE	Stainless	PVC
Dimension:	½" ID (5/8" OD)	2.5 LF x 1.75in	5/8" FNPT
Other:	Foot Valve	Method each well	Non 5-in thick

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

	Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	10/31	1436	37.41+4=41.41										WL from Temp MP
		1447	1450		Surge	<1							hand surged.
4		1450	1456	68.0	Pump	4	4	0.36	-	-	-	-	muddy w/ yellow tinted
8		1456	1507	81.0	Pump	4	8		-	-	-	-	water. Begin pumping
12		1507	1515	91.21	Pump	4	12	1.1	-	-	-	-	cloudy
16		1515	1523	95.00		4	16		-	-	-	-	yellow/green tint
20		1523	1531	96.50		4	20		-	-	-	-	yellow/ tint.
22		1531	1536	93.04		2	22	2.0	25.83	27.1	9.10	145	Clear water w/ yellow tint
26		1536	1545	95.72		4	26		25.77	27.4	8.76	306	
30		1545	1552	100.01		4	30		25.72	27.2	8.81	136	
32		1552	1556	161.67		2	32		25.72	27.5	8.89	770	
34		1556	1600	102.56		2	34	3.1	25.71	28.2	9.11	62.6	
35		1600	1603	103.40		1	35		25.70	28.6	8.94	37.3	
36		1603	1605	103.91		1	36		25.70	29.7	8.89	22.1	
38		1605	1608	104.20		2	38		25.71	29.4	8.85	16.3	
40		1608	1611	105.83		2	40		25.61	29.5	8.68	11.7	
44		1611	1618	105.96		4	44		25.68	30.0	8.32	8.4	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-249-100	11.09	100-110

	Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
46	10/31	1618	1626	105.90	pump	~~4~~ 2	~~48~~ 46	~~4.4~~ 4.3	25.66	30.9	7.93	13.4	
47		1626	1627	105.90		1	47	4.3					
													wl from Temp MP
0	11/1	1210		40.71									
5		1215	1230	77.0		5	52	4.7	25.92	29.5	8.40	7.7	begin pumping
10		1230	1237	84.99		5	57		25.85	31.0	8.28	16.6	yellow tint
15		~~1239~~	1245	85.01		5	62		25.71	31.6	8.22	17.9	
20		1245	1256	105.80		5	67	6.1	25.73	30.80	8.14	31.3	
25		1256	1301	105.80		5	72		25.73	31.6	8.03	44.9	
28		1301	1311	105.77		3	75		25.78	32.7	7.79	26.8	green/yellow
30		1311	1314	105.83		2	77		25.80	32.4	7.76	17.1	
34		1314	1320	106.05		4	81		25.79	32.5	7.75	8.3	
36		1320	1326	106.21		2	83	7.5	25.78	32.7	7.74	4.4	
40		1326	1331	106.31		4	87		25.78	32.8	7.72	2.5	green/yellow
43		1331	1338	106.50		3	90	8.1	25.80	32.9	7.71	1.9	End pumping
													well development complete

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
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TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: Units 4 & 5 Investigation; 3rd Mobilization | Task No.: M-02-01

Date: 9/26/17 | Task Manager: Marroquin | Recorded by:

Development Criteria: 10 well volumes or stabilized water quality parameters

Purging Method: Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing

Decontamination Method: Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.

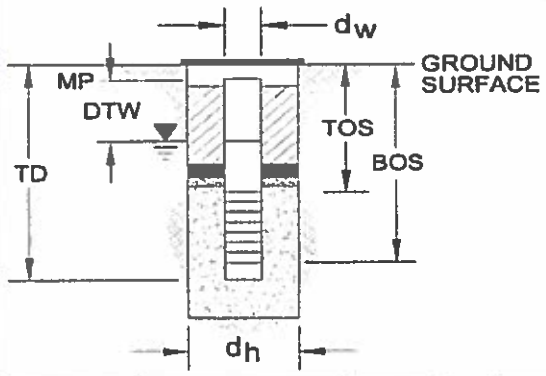
Initial Depth to Water (ft BMP): 34.41 | Time: 1526

Contractor: WHE - Bailey LaPlante

Well ID: M-25D

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	134.5
Depth to Bot of Screen, BOS (ft BGS) =	149.2
Total Depth of Well, TD (ft BGS) =	144.6
Casing Volume, V_c, (gal) =	(115.17)(0.153)
$V_c = 7.48\,[\pi\, d_w/2/12)^2]\,*\,[(TD-MP) - DTW] =$	17.62



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	Weighted	Inertial foot valve
Material:	Poly	Stainless	PVC
Dimension:	¼" ID	2.5 LF X 1.75	5/8" FNPT
Other:		New Check ball well flow 5-in flow	

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
9/27	1420		34.48	Pump				-	-	-	-	clear then muddy
		1430			5			-	-	-	-	Muddy to cloudy
		1455			15	20		-	-	-	-	cloudy to sl cloudy
		1510	141.2		8			-	-	-	-	slightly cloudy
		1520	146.61			27		-	-	-	-	Run dry - turn off
9/28	1407	1412	35.72	Pump	2			-	-	-	-	1530 141.1 Set up 1 ft from bottom stop to fix water cr crimp
	1416	~~1416~~		Pump				-	-	-	-	Muddy for ≈ 1 min. then sl. cloudy.
		1510	140.44	Pump	25	~~54~~ 54		-	-	-	-	1515 141.89
9/29	1310		36.10					-	-	-	-	initially clear 30 SC Muddy
		1415	146.99	Pump	22	76		-	-	-	-	Run dry OFF sl. cloudy
10/2	1415		35.14					-	-	-	-	Sl. cloudy
		1520	146.05	Pump	22	98		-	-	-	-	Run dry
10/3	1245		36.18					-	-	-	-	Sl. cloudy
		1335	138.00	Pump	24	122		6.9	-	-	-	Run dry

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

405

Task Name: *Units ~~3 & 4~~ Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 9/26/17 | Task Manager: *Marroquin* | Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

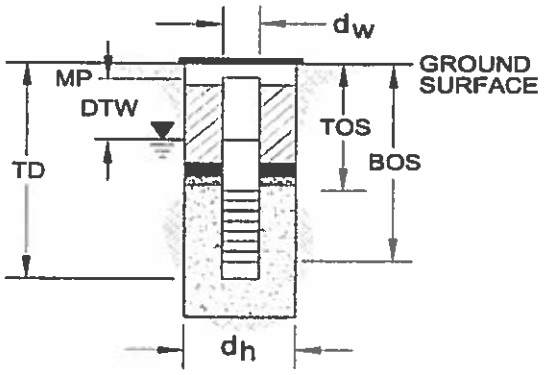
Initial Depth to Water (ft BMP): 34.41 | Time: 1526

Contractor: WHE - Rodney LaBrosse

Well ID: M-250

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.00
Depth to Top of Screen, TOS (ft BGS) =	139.50
Depth to Bot of Screen, BOS (ft BGS) =	149.20
Total Depth of Well, TD (ft BGS) =	149.6
Casing Volume, V_C, (gal) =	(115.19)(0.153)
$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$	17.62



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra		
Material:	Poly		
Dimension:	1/2" ID		
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/4	1100	1107	36.17	Pump	1							At bottom clear to cloudy to silt
	1108	1117			5			–	–	–	–	move top of screen
	1119	1132			5			–	–	–	–	
	1134	1140			5			–	–	–	–	Move 2' deep clear
	1140	1202			5			–	–	–	–	pull up 3' sl cloudy to clear cloudy
	1203	1222	142.7	↓	27	149	8.9	–	–	–	–	
18 22 10/13	1230		34.73									WL from TOC
30	1235	1258	98.36	Pump	8			26.09	1612	8.44	60.4	
35	1258	1307	118.64		5			26.12	1.13	8.63	66.4	
42	1307	1320	142.7		7			26.22	1.14	8.61	31.7	
45	1337	1347	144.10		9 3			26.30	1.13	8.52	217	Very muddy (2 min)
48	1347	1355	146.82	↓	3+3	178	10.1		1.16	8.41	245	
10/16	1316		39.02									WL from temp MP
23	1320	1335	76.4	Pump	4	182		26.08	1.10	7.28	23.1	
28 32	1335	1345	98.8		4	186		26.06	1.09	7.21	32.3	
	1345	1352	116.97	↓	4	190		26.09	1.10	7.70	34.6	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-250	1262	

Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
10/16	1352	1402	132.56	Pump	4	194		26.12	1.10	7.75	22	
	1402	1410	145.73		4	198		26.10	1.12	7.75	6.07	
	1410	1415	145.28	↓	2	200	1.1	26.33	1.11	7.74	8.6	Finished

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Above Grade Stick-Up

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 9/26/17 | Task Manager: *Marroquin* | Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

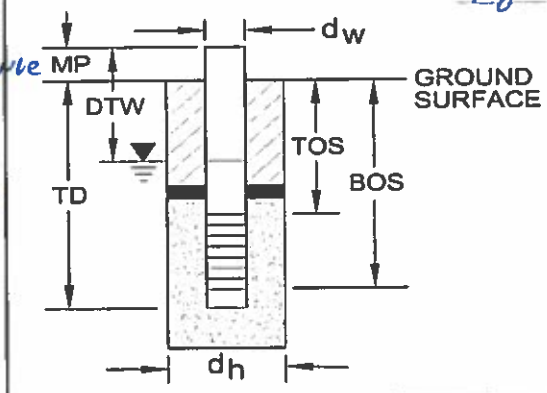
Initial Depth to Water (ft BMP): 32.95 | Time: 1505

Contractor: MHP

Well ID: M-251-60

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft AGS) =	~2.6
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	52.4
Depth to Bot of Screen, BOS (ft BGS) =	62.1
Total Depth of Well, TD (ft BGS) =	62.2
Casing Volume, V_c (gal) =	(31.55)(0.153)
$V_c = 7.48\,[\pi\, d_w/2/12)^2\,] * [(TD+MP) - DTW] =$	4.8



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	weighted	Inertial foot valve
Material:	Poly	stainless	PVC
Dimension:	½" OD	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot valve	New bailer each well	USM, S/N [illegible]

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Development Log						Cumulative Removed		Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/6	0915		33.55									Initial WL
	0925	0930		Pump	2			-	-	-	-	Begin initial purge
	0932	0940	53.35	Pump	1			-	-	-	-	Move to TOS
	0945	1000	54.00	-								Recharge
	1005	1115	56.00	Pump	11	14		-	-	-	-	Cloudy
	1115	1122	57.6	Surge	2	16						Length of Screen
	1122	1207	51.92	-								Recharge
	1208	1232	50.56	Surge								Surge
	1232	1257	50.56	Pump	6	22		-	-	-	-	Purge
	1305	1325	51.16									Cloudy
	1325	1339	59.89	Surge	10	32						Surge - Dry
	1339											Recharge
		1405	62.3	Pump				-	-	-	-	Cloudy
		1422	60.4	Pump				-	-	-	-	Cloudy
	1434	1452	59.5	Pump	2	34		24.39	6.42	12.01	213	Purge Cloudy
	1452	1512	62.61	Pump	2	36		22.5	4.80	11.71	287	SI Cloudy

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID: 251 M-26i-60	Borehole Volume (gal) 4.8	Screen Interval (ft bgs) 52-62

Development Log												Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
10/19	0740		34.81			34	7.1					Logging WL from TOC
	0755	0805	47.05	Pump	1	35		25.17	4.30	11.05	31.4	
	0805	0819	52.6		2	37		25.26	4.37	11.11	17.4	
7	0819	0844	56.4		5	42		25.35	4.36	11.15	13.0	
9	0844	0852	58.6		2	44		25.46	4.25	11.15	9.7	
11	0852	858	58.69		2	46	9.6	25.56	4.24	~~10.2~~ 11.15	10.2	
13	0858	0905	51.4		2	48	10	25.46	4.31	11.15	9.9	
	0905	0907	51.4		<1			25.48	4.31	11.15	10.2	Finished

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Above Grade Stick-Up

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 9/26/17 | Task Manager: *Marroquin* | Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

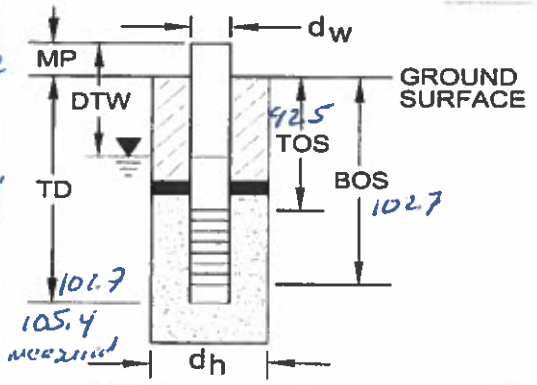
Initial Depth to Water (ft BMP): 32.40 | Time: 1502

Contractor: MHE Rodney LaBrosse

Well ID: M-25I-100

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft AGS) =	2.6
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	92.5
Depth to Bot of Screen, BOS (ft BGS) =	102.7
Total Depth of Well, TD (ft BGS) =	102.7
Casing Volume, V_C, (gal) =	(72.9)(0.153)
$V_C = 7.48\,[\pi\, d_w/2/12)^2\,] * [(TD+MP) - DTW] =$	11.15



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	Weighted	Inertial Foot Valve
Material:	Poly	Stainless	PVC
Dimension:	1/2" ID	2.5 LE x 1.75 in	5/8" FNPT
Other:	Foot Valve	New Chaleken Well	Nom. 5 in flow

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Development Log								Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (µS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
NYS	0252	815	32.60	Pump				-	-	-	-	Clear to Muddy to SI Cloudy light green
	815	912	53.90		23	23		-	-	-	-	
	0912	0945	71.28					-	-	-	-	Move to TOS clear
	0945	0950	685		32	32		-	-	-	-	Clear
	0950	1021	~~823~~ 85.40		63.10	104		-	-	-	-	Clear
	-	1032	53.60	-								Recovery
	-	1037	31.00	-								
	-	1049	43.72	-								
	1050	1100	54.0	Pump	5	47		-	-	-	-	Clear to SI cloudy
	1101	1107			3	50		-	-	-	-	BOS
	1107	1150	95.7		22	72		-	-	-	-	Clear
	1150	1200	96.0	-	3	75		-	-	-	-	Recover
	~	1240	45.51	-								
	-	1325	39.27	-								
	1335	1402	←47.45 feet					22.64	32.5	8.90	460	
	1402	1412	←52.52		5	80	7.17	22.41	36.9	3.6	2.6	undo flow thru cb
	1412	1445	87.00		20	100						

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
µS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Above Grade Stick-Up

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 9/26/17	Task Manager: *Marroquin*	Recorded by: K. McGuire

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

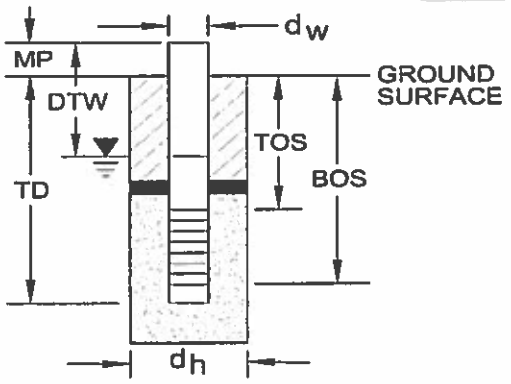
Initial Depth to Water (ft BMP): 32.40 Time: 1502

Contractor: MHE Rodney LaBrosse

Well ID: M-251-100

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft AGS) =	2.6
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	92.5
Depth to Bot of Screen, BOS (ft BGS) =	102.7
Total Depth of Well, TD (ft BGS) =	102.7
Casing Volume, V_c, (gal) =	(72.4)(0.153)
$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD+MP) - DTW] =$	11.15



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra		
Material:	Poly		
Dimension:	½" ID		
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log								Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (µS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/5	1447	1454	77.2	Pump	2	2		22.68	39.3	4.59	111	
	1457	1509	73.96		2	104	9	22.17	37.5	5.13	270	
	1509	1509	71.40		1	105		22.22	39.9	7.39	82.2	
	1509	1517			3	108		22.13	41.0	220	22.2	
	1517	1525	69.98		2	110	9.9	22.22	40.7	2.64	18.4	
	1525	1532	69.44		2	112	10	22.22	40.5	4.04	11.2	
10/11	1306		34.72									WL at TOC.
	1309	1322	65.22	Pump	5	117		21.57	37.3	7.72	0.0	Purge prior to BOS collect bulk
	1322	1330	70.03		4	121		21.53	37.4	7.72	0.0	
	1330	1337	74.20		2	123	11	21.56	37.6	7.73	0.0	
	1337	1343	81.05					–	–	–	–	Collect 10 gals
	1343	1359	80.05		10	133	12	–	–	–	–	for UNLV

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Above Grade Stick-Up

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 9/15/17	Task Manager: *Marroquin*	Recorded by: F. LaBrosse

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.* 9/15/17

Initial Depth to Water (ft BMP): 29.03 Time: 1310 hrs

Contractor: WITE - Rodney LaRusso

Well ID: M-252

Well Construction Details:

Date Installed = 8/25/17

TEMP Measuring Point, MP (ft AGS) = 2.86'

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 7.0

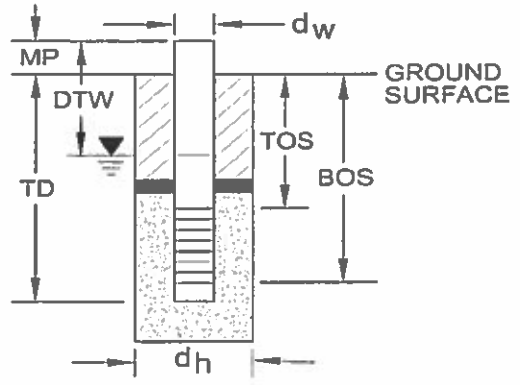
Depth to Top of Screen, TOS (ft BGS) = 132.3

Depth to Bot of Screen, BOS (ft BGS) = 142.1

Total Depth of Well, TD (ft BGS) = 142.5

Casing Volume, V_c (gal) = (113.5)(0.153)

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD+MP) - DTW] =$ 17.4



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Mega Monsoon		
Material:	Plastic		
Dimension:	1.75"		
Other:	PS 10420		

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log						Cumulative Removed		Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
9-18	1320		29.03									
		1405	36.61	BAIL	1.2	1.2						
		1420	36.60									Recovery Monitoring
		1605	36.92									
9-19	0855	0855	29.05									
	0855	0924	35.55	BAIL	0.75	2.0						
	1015	1046	—	PUMP	23.5	25.5						MEGA MONSOON W/ CONTROLLER
	1338	1415	50.55	PUMP	16.5	42.0						
9-20	840		31.28									
	845	854	62.62	pump	4.0	46.0						muddy H_2O transition to clear
	855	924	100.2	pump	10.0	56.0						muddy H_2O
	924	936	107.2	pump	2.0	58.0						
	954	1001	118.1	pump	2.0	62.0						
	1001	1012	—		4.0	66.0						
9-21	7:18		31.1									
	7:20	8:16	134.9	pump	19.5	85.5	4.9					clear

12 collected Q and Time

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Above Grade Stick-Up

NERT, Henderson, NV Project

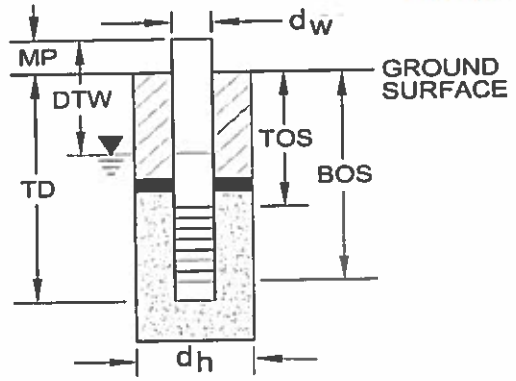
4&5

Task Name: Units ~~3 & 4~~ Investigation; 3rd Mobilization		Task No.: M-02-01
Date: 9/18/17	Task Manager: Marroquin	Recorded by:
Development Criteria: 10 well volumes or stabilized water quality parameters		
Purging Method: Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing		
Decontamination Method: Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.		
Initial Depth to Water (ft BMP): 29.03		Time: 1310
Contractor: WHE - Rodney Labrosse		

Well ID: M-252

Well Construction Details:

Date Installed =	8/28/17
Measuring Point, MP (ft AGS) =	2.86
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	132.3
Depth to Bot of Screen, BOS (ft BGS) =	142.1
Total Depth of Well, TD (ft BGS) =	142.5
Casing Volume, V_C (gal) =	(113.5')(0.153)
$V_C = 7.48\,[\pi\, d_w/2/12)^2] * [(TD+MP) - DTW] =$	17.4



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra / Footvalve		Inertial Footvalve
Material:	Plastic		PVC
Dimension:	½ x 5/8		5/8" FNPT
Other:			Hum-S-in Foam

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
9/26	1430		29.52									
10/4	1505	1507	29.60	Pump	2							Set at BOS Muddy w/ solids (1 min)
	~~1507~~				~~7~~							
	1508	~~1509~~ 1516			3							Set @ TOS
	1516	~~1518~~ 1522			4							Drop ~ 1 Ft.
	1522	1534			2							Drop ~ 1.5 Ft.
	1534	1611	104.78	↓	9							" 1.0 Ft. Muddy
	1611	~~1615~~ 1620	132.5									
	1611	~~1620~~ 1625	135.5	Pump	5 25	110.5	6.4					Muddy.
10/6	0752	-	29.84									
		0815	106.25	Pump								Cloudy to SI Cloudy
		0832	123.33	↓	20	130						↓ Run dry
		0845	130.37									ML
		~~0915~~	138.50	↓	8	138	7.8					Start Pump - Muddy to Cloudy
10/11	1405		29.66									
	1410	1430	112.60	Pump	14	152	8.7					Cloudy
	~~1430~~											

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-252	17.4	132 - 142

Development Log						Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
	10/16	1515		29.68			152	8.7					
4		1516	1525	69.5	Pump	4	156		25.73	1.01	6.94	36	
8		1525	1532	89.35		4	160		25.73	1.00	7.56	68.9	
12		1532	1540	109.09		4	164		25.75	1.00	7.77	123	
16		1540	1547	122.88		4	168		25.86	1.01	7.64	99.5	
20		1547	1558	133.20		4	172		26.28	1.01	7.74	50.2	
24		1559	1611	137.71		4	176		25.99	1.01	7.15	19.9	
27		1611	1620	137.23	↓	3	179		26.32	1.01	6.64	110	Run Dry
0	10/17	1530		30.93									
4	10/17	1553	1602	~~74.80~~	Pump	4	183	10.5	25.86	0.933	8.10	63.0	Begin pumping
8	10/17	1602	1609	106.65	Pump	4	187	10.7	25.91	0.933	8.22	73.1	
12	10/17	1609	1615	116.0	Pump	4	191	11.0	25.96	0.953	8.12	69.7	
16	10/17	1615	1628	136.04	Pump	4	195	11.2	26.50	0.976	8.12	153	cloudy w/ fines
20	10/17	1628	1636	141.56	Pump	4	199	11.4	26.85	0.947	8.26	1000+	Ready High turbidity, clogged flow system
	10/17												
24	10/17	~~1705~~	1710	149.0	Pump	4	203	11.7	26.15	0.952	8.55	366	End, water clear to slightly cloudy, clearing up. Added
28	10/17	1710				4	207	11.9					secondary containment 4 gallons due to leaks
25	10/18	1336		31.79									
29		1337	1345	63.62	Pump	4	211	12.1	25.61	1.07	6.91	25.3	Begin Pumping
33		1345	1352	85.62		4	215	12.4	25.68	1.07	6.95	19.2	
37		1352	1400	107.03		4	219		25.76	1.08	7.22	18.6	
41		1400	1408	122.61		4	223		25.85	1.08	7.20	13.1	
45		1408	1420	133.37		4	227	13	25.89	1.10	7.22	21.08	
49		1420	1434	142.07	↓	4	231		25.90	1.01	7.03	37.20	End pumping Run dry
51		1440				2	233						Secondary containment
13	10/19	0920		31.87									WL from TOC
		0921	0930		Pump	2	235		—	—	—	—	Muddy to cloudy
		0930	0935		Surge								
19		0937	0947	74.32	Pump	6	241		25.74	1.09	7.38	78.3	SI cloudy
22		0947	0956	86.46		3	244		25.71	1.11	7.41	73.1	
25		0956	1006	96.46		3	247		25.45	1.12	7.60	99.10	
29		1006	1020	106.96	↓	4			25.92	1.12	7.57	129	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-252	17.4	132-142

Development Log								Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)				Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
33		1029	1039	115.25	Pump			4	255		25.96	1.11	7.57	229	
35		1039	1047		↓			2	257						
		1047	1055												return for turbidity
35		1055													
37			1104	123.2	Pump			2	259		26.14	1.11	7.42	81.4	
40			1115	130.8				3	262		26.54	1.12	7.68	21.4	
43			1128	135.71				3	265		26.60	1.11	7.72	26.2	
45			1142	137.2				2	267		26.81	1.12	7.71	26.81	
47			1151	137.85				2	269		26.90	1.18	7.66	25.1	
50			1204	138.7	↓			3	271	16.57	26.84	1.10	7.55	21.3	run dry
5			1208												

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TD = Well Total Depth
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TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 10/9/17	Task Manager: *Marroquin*	Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

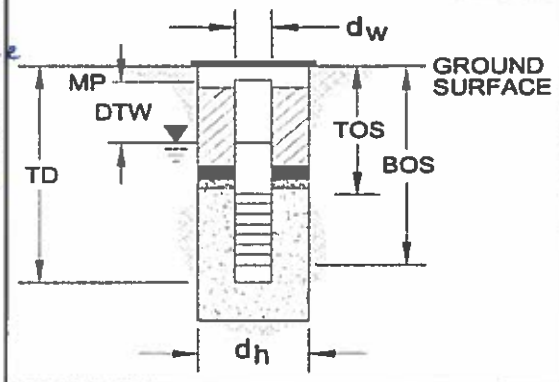
Initial Depth to Water (ft BMP): 37.43 Time: 0735

Contractor: MHE Rodney LaBrosse

Well ID: M-253-60

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	12
Depth to Top of Screen, TOS (ft BGS) =	60.8
Depth to Bot of Screen, BOS (ft BGS) =	70.5
Total Depth of Well, TD (ft BGS) =	71.30
Casing Volume, V_C, (gal) =	(33.87)(0.153)
$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$	5.18



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	Weighted	Inertial Foot Valve
Material:	Poly	Stainless	PVC
Dimension:	½" ID	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	Newbill Leach well	With S-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log								Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/9	0912		41.99	Pump				-	-	-	-	Install (temp extention casing)
	0915	0940	42.8		8			-	-	-	-	Start Purge
	0942	1115	51.8		33	41		-	-	-	-	Move to TOS 1 gpm decreasing
	1117	1130	~~37.88~~		17	58		-	-	-	-	Set at BOS - Cloudy
	1130	1200	37.86	Recharge								Recharge
22 55	1200	1235	44.57	Pump	11	69	13	21.8	2.07	10.18	489	
	1235	1245	49.12		8			21.47	1.99	10.44	109	
40	1245	1300	49.24		5			21.36	2.00	-	96	
	1300	1310	49.28		5			21.43	2.00	10.13	91.7	
	1310	1320	49.25		5	92	18	21.43	2.00	10.53	84.9	
	10/10 0944		37.59									WL from TOC
	0945	0945		Surge								
22 27 54	0946	1015	43.45	Pump	5	97	18.7	22.01	2.09	10.97	71.4	Set at BOS
32	1015	1037	44.51		5	102	19.7	21.82	2.05	10.09	52.8	
35	1037	1055	44.21		3	105	20.3	21.87	2.03	10.70	44.3	
40	1055	1112	47.36		5	110	21.2	21.54	2.00	10.26	36.2	
45	1112	1126	47.7		5	115	22.2	21.35	1.99	10.03	38.1	

AGS = Above Ground Surface
BGS = Below Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-253-60	5.18	

Development Log								Water Quality Parameters				Remarks/Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/10	1126	1137	42.71	Pump	5	120	23.2	21.37	1.99	10.01	39.0	Finish

AGS = Above Ground Surface
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BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 10/9/17 | Task Manager: *Marroquin* | Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): 37.00 | Time: 0732

Contractor: MHE Rodney LaBrosse

Well ID: M-253-100

Well Construction Details:

Date Installed = 10/6/17

Measuring Point, MP (ft BGS) = 4' (temporary)

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 12

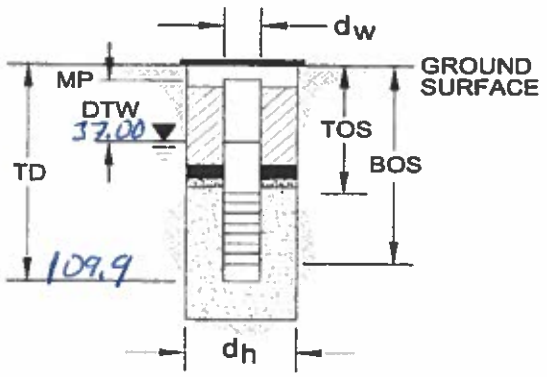
Depth to Top of Screen, TOS (ft BGS) = 100.9

Depth to Bot of Screen, BOS (ft BGS) = 110.6

Total Depth of Well, TD (ft BGS) = 109.9

Casing Volume, V_c (gal) = (72.9)(0.153)

$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 11.15



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	Weighted	Foot Valve
Material:	Poly	stainless	PVC
Dimension:	1/2" ID	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New Check each well	Non S-in Thick

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/9	0732		37.00					–	–	–	–	Initial Water Level
	0820	0854	112.88	Pump	17			–	–	–	–	Start Initial Purge
	0855	1355		↓				–	–	–	–	Run Dry Recharge
	1355	1400	83.92	Bail/Swab				–	–	–	–	Swab
	1405	1515	~~83.42~~ 113.8		16	33	2.9	–	–	–	–	Purge
	1515	1534	118.15									Recharge
10/10	0732	~~0732~~	98.71									Initial (TOC)
	0735	0740		Surge								Surge
	0744	0750	75.	Pump	2			–	–	–	–	Set at BOS Cloudy
	0750	0706	87.88	Pump				–	–	–	–	set TOS SI cloudy
	0807	0816	100	Pump	7			–	–	–	–	@ 2' below TOS
	0816	0724	103.75	↓	i			–	–	–	–	set 4' below TOS
	0825	0830	103.75	↓	-							Set @ BOS SI. cloudy
	0830	~~0900~~ 0936	113	Pump	13 13	56	5	–	–	–	–	Reprime Line - Purge
	1358		104.6									WL flow temp MP
	1400	1432	–	Pump	10	66	5.9	–	–	–	–	Dry

AGS = Above Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well

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Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-253-100	11.15	

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/11	0735		48.05			66						WL from temp MP
	0740	0840		Pump	13			20.14	1.89	7.53	88	From BOS
	0840	0850	108.6		2			22.07	1.88	8.01	22	
	0850	0900	~~104.5~~		2			21.79	1.84	7.5	0.0	
	0900	0904	110.1	↓	1	84	7.5					
	0904	0935	108.9	–								Recharge
	0935	1005	112.99	Pump	4			–	–	–	–	
	1005	1012	–	↓	1	89						run dry
33	1502		94.04									WL from temp MP
35	1503	1509	105.1	Pump	2			–	–	–	–	
37	1509	1515	107.84		2			22.02	4.77	8.52	51.1	
42	1515	1521	112.9		5			21.95	4.09	7.53	55.9	
44	1521	1526	–	↓	2	100	9	22.72	2.76	7.43	58.9	dry
	10/12 0745		47.24									TOC
0	0752	0755	52.75	Pump	<1							
4	0810	0815	74.6		4	104		21.74	4.03	7.0	139	
8	0815	0825	94.32		4	108		21.8	4.11	8.10	106	
10	0825	0831	~~102.15~~ 102.15		2	110		21.73	4.21	8.41	81	Clear
11	0831	0835	103.95	↓	1	111		21.48	4.25	8.13	48	Clear - 10 casing vols
	835	0852	101.0	–								Recharge
	0852	0900	100.	–								Recharge
	0903	0920	112.68	Pump	8	119		–	–	–	–	Collect UNCU-Dry
	0920											Recharge
	1022		109.00	Pump								
	1024	1029	110.78	↓	2	121	11	–	–	–	–	Finish surface completion

AGS = Above Ground Surface
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BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
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DO = Dissolved Oxygen
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TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 9/26/17 | Task Manager: *Marroquin* | Recorded by: K. McEntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

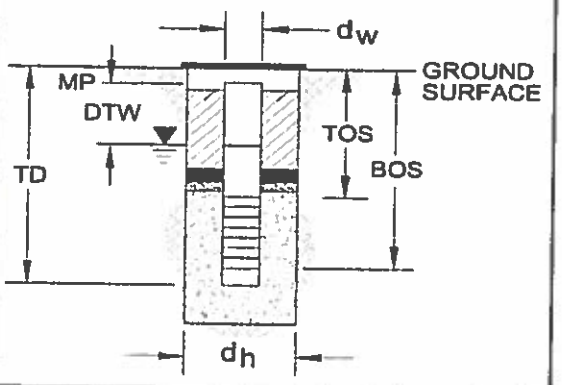
Initial Depth to Water (ft BMP): 29.03 | Time: 1610

Contractor: Walker Hill Rodney LaBrosse

Well ID: M-254

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7
Depth to Top of Screen, TOS (ft BGS) =	138.5
Depth to Bot of Screen, BOS (ft BGS) =	148.3
Total Depth of Well, TD (ft BGS) =	148.70
Casing Volume, V_c, (gal) =	(119.67)(0.153)
$V_c = 7.48\,[\pi\, d_w/2/12)^2\,] * [(TD-MP) - DTW] =$	18.3



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	Weighted	Footvalve
Material:	HDPE	Stainless	PVC
Dimension:	½" ID	2.5 LF x 1.75in	5/8" FNPT
Other:	Foot Valve	New Class Leachwell Nom 5-in Thrm rubber gasket on 1" PVC Pipe	

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
9/27	0957		28.51	Pump				-	-	-	-	initially clear
		1006						-	-	-	-	Pull up 5'; Muddy
		1015			5			-	-	-	-	Clearing up.
		1017						-	-	-	-	Plow back & bottom
		1020						-	-	-	-	Muddy to clear
		1055				23		-	-	-	-	
		1105	~~143~~ 142.60	↓		24		-	-	-	-	Cloudy; turn off
	1155		107.60	Pump								
	~~1205~~	1205	119.20	↓	5							Slightly cloudy
9/28	0930		33.33					-				≈ 30 sec. v. muddy
		1000		Pump	15			-	-	-	-	SI M cloudy
		1025	142.72	↓	23	47	2.6	-	-	-	-	Turn dry cloudy keep running dry
												1035 139.0
9/29	0940		33.19									
		955			7			-	-	-	-	
		1037	146.04		25	72	3.9	-	-	-	-	SI. cloudy to cloudy run dry, SI cloudy

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 10/2/17 | Task Manager: *Marroquin* | Recorded by: K. McMahon

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): 29.03 | Time: 1610

Contractor:

Well ID: M-254

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) = 40

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 7

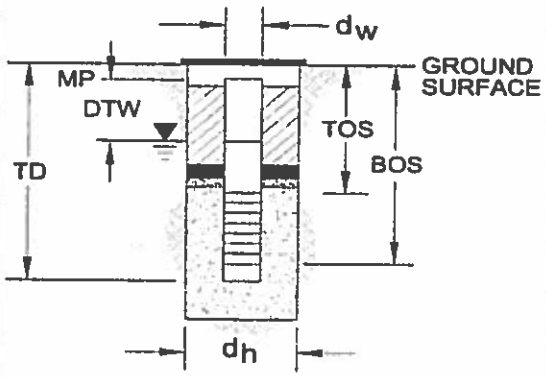
Depth to Top of Screen, TOS (ft BGS) = 138.5

Depth to Bot of Screen, BOS (ft BGS) = 148.3

Total Depth of Well, TD (ft BGS) = 148.70

Casing Volume, V_c, (gal) =

$V_c = 7.48\ [\pi\ d_w/2/12)^2\ ] * [(TD-MP) - DTW\ ]$ = 18.3



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra		
Material:	Poly		
Dimension:	½" I.D.		
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/2	0940		31.40	Pump								Clear to sl. cloudy
	1015				17]							V. cloudy - 1 min.
		1046	146.92		158]	97	5.3					cloudy last 7 gallons
10/3	0755		33.52	Pump								clear to muddy to
	09~~4~~	0905	146.94		28	125	6.8					sl. cloudy
10/10	1232		30.70		28							WL ~~37.85~~ TOC
	1237	1345	152.77	Pump		153	8.4					V. Muddy initially
												Run dry, Clear
10/11	1037		109.29									Begin WL
	1040	1047	92	Pump	3	156		21.52	0.99	8.14	30.	Initially cloudy TOS
	1047	1056	81.57		4	160		21.5	0.99	8.2	37	
	1056	1105	92.85		2			21.44	0.99	8.03	27.2	
	1105	1111	100.37		2		8.9	21.30	0.99	8.15	11	~~set to BOS~~ Clear
	1112	1125	119.56		5			21.66	0.99	8.04	69	Set to BOS Clear
	1125	1140	137.3		5			22	0.99	8.34	111	
	1140	1146	144.98		2			21.81	0.99	8.22	271	
	1146	1159	150.95		4	180	9.8	21.95	0.98	8.09	232	Run dry Sl. cloudy

Water Quality Parameters

Other Parameters

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-254	18.3	138-148

	Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
10	10/12	1042		38.15			180	9.8					Begin WL
16		1044	1052	76.16	Pump	5	185		21.68	0.904	8.02	117	
22		1052	1102	104.45		6	191		21.75	0.903	8.4	128	
25		1102	1110	122.70		3	194		21.82	0.904	8.5	353	
27		1110	1115	131.84		2							
30		1115	1122	141.82		3			26.14	0.970	8.56	322	
34		1122	1131	148.0		4			26.32	0.961	8.74	715	Cloudy
35		1131	1135	149.05		1	204	11	26.23	0.95	8.25	476	run dry
~~26~~	10/13	0914		46.4									WL from Temp MP
27		0915	0924	71.2	Pump	3			25.74	0.940	8.65	14.4	muddy (1 min) to
35		0924	0940	111.12		8			25.91	0.942	8.85	20.0	sl cloudy.
38		0940	0950	124.25		3			25.95	0.947	8.98	47.6	
42		0950	0955	~~136~~ 136		4			26.03	0.964	9.03	30.4	
44		0955	0900	~~124.4~~ 144.4		2			26.05	0.968	9.04	33.3	
46		~~0900~~	0905	146.6		2	226	12.3	26.18	1.0	9.63	116	Cloudy
48		~~0905~~	0915	152.1		2			26.17	0.964	8.87	77	
		~~0915~~	0916	151.3		24 < 1	228	~~12~~ 12.5					Run Dry
	10/16	0753		34.47									WL from temp MP
3		0804	0808	59.00	pump	3	231	12.6	26.63	0.795	6.67	49.1	clear/fix hose
7		0815	0828	97.50		4	235	12.8	25.57	0.923	7.50	13.5	
11		0828	0837	112.60		4	239	13.1	26.65	0.941	7.55	10.3	
15		0837	0847	127.41		4	243	13.3	25.75	0.942	7.75	20.8	
19		0847	0857	139.58		4	247	13.5	25.82	0.955	7.86	19.8	
24		0857	0913	149.10		4	251	13.7	25.92	0.948	7.53	77.2	
25		0913	0918	150.40		1	252	13.8	25.94	0.953	7.85	79.0	run dry
30		0934				5	257	← total gallons (5 gallons added from secondary containment due to bad connector					
16	10/17	1250		37.61									WL from temp MP
20		1252	1300	71.05	Pump	4	261	14.3	26.13	0.855	8.30	20.0	Begin
24		1300	1309	91.60	Pump	4	265	14.5	26.16	0.854	8.61	23.4	
28		1309	1320	114.59	Pump	4	269	14.7	26.26	0.858	9.09	17.1	
32		1320	1331	129.4		4	273	14.9	26.42	0.864	9.03	26.9	
36		1331	1345	145.36		4	277	15.1	26.36	0.864	9.19	87.3	

AGS = Above Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well

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Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date:	Task Manager: *Marroquin*	Recorded by:
Development Criteria: *10 well volumes or stabilized water quality parameters*		
Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*		
Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*		
Initial Depth to Water (ft BMP):		Time:
Contractor:		

Well ID: M-25f

Well Construction Details:

Date Installed = temp

Measuring Point, MP (ft BGS) = 4

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 7

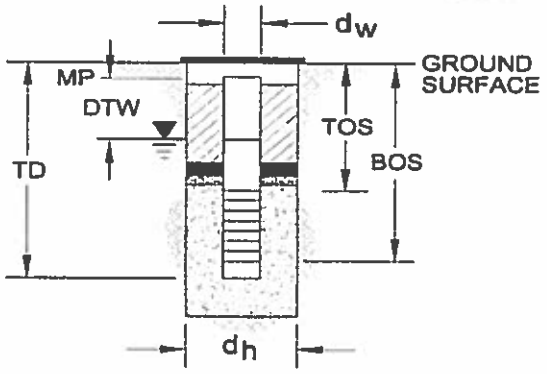
Depth to Top of Screen, TOS (ft BGS) = 138.5

Depth to Bot of Screen, BOS (ft BGS) = 148.3

Total Depth of Well, TD (ft BGS) = 148.7

Casing Volume, V_c, (gal) =

$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 18.3



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:			
Material:			
Dimension:			
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
36 10/17	1345	1351	145.36	Pump	~~4~~	277	15.1	26.54	0.873	9.16	124	stopped pump to check for leaking tubing
	1355	+2	137.45									WL after fixing leak
40	1356	1411	145.51	Pump	4	281	15.4	26.36	0.856	8.89	342	resumed pumping
	1412		143.87									leaked, fixed leak and 2nd WL
	1413		146.55	Pump								resumed pumping.
42	1440				2	283	15.5					Secondary Containment water from leaking added. end
0 10/18	0810		39.8									WL from temp MP
4	0812	0821	91.21	Pump	4	287	15.7	25.44	0.943	7.18	125	Begin
8	0821	0829	104.94		4	291	15.9	25.63	0.733	7.78	46.1	
12	0829	0838	114.90		4	295	16.1	25.74	0.943	7.96	73.0	
16	0838	0850	132.37		4	299	16.3	25.78	0.948	8.03	78.3	slightly cloudy
20	0850	0857	145.13		4	303	16.6	25.88	0.953	8.38	49.4	
24	0857	0926	142.38		4	307		25.78	0.955	8.04	184	flow system failure, replaced end
28	0926	0939	152.01		4	311		25.80	0.938	7.74	36.7	
30	0942		150.81		2	313						End, Ran dry

AGS = Above Ground Surface
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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID: M-254	Borehole Volume (gal) 18.3	Screen Interval (ft bgs) 138.5 - 148.3

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/20	1305		37.03									W.L. from temp M.P.
4	1307	1318	93.84	pump	4	317	17.3	26.05	0926	7.61	1.5	
8	1318	1327	107.10		4	321		26.12	0.931	7.88	8.1	
12	1327	1337	124.05		4	325		26.16	0.935	7.93	0.0	
16	1337	1345	137.26		4	329		26.18	0941	7.97	47.2	
20	1345	1355	148.00		4	333		26.25	0943	8.00	83.1	
24	1355	1405	155.00		4	337		26.32	0.965	8.23	76.8	1 brown - cloudy
28	1405	1419	155.00		4	341		26.61	0945	7.61	730	well went dry.
0	10/22	1030		3.80								WL from temp MP
		1036	1043	64.2	Pump	4	345		25.87	.939	8.55	48.3
		1043	1053	83.3		4			25.98	0.930	9.03	21.9
		1053	1104	102.3		4			26.06	0.9430	9.11	17.4
		1104	1112	116.4		4			26.17	0.943	9.22	21.0
		1112	1125	131.6		4			26.24	0.946	9.35	19.0
		1125	1136	141.1		4			26.36	0956	9.32	33.7
		1136	1144	144.5		4			26.43	0,972	9.69	98.4
		1144	1155	148.2		4			26.44	0,955	9.01	38.5
		1155	1202	-		2	379	20	26.70	0.957	9.07	51.4
0	10/23	1355		38.39								WL from temp MP
4		1400	1407	60.44	Pump	4	383	21	26.34	0.895	6.64	26.1 Begin pumping
8		1407	1415	91.44		4	387		26.33	0.889	7.32	27.3
12		1415	1424	110.91		4	391		26.40	0.890	7.41	19.6
16		1424	1434	129.30		4	395	21.6	26.10	0.892	7.52	9.3
20		1434	1444	141.43		4	399		26.52	0.901	7.57	24.1
24		1444	1454	147.73	Pump	4	403	22	26.66	0.915	7.76	145 well went dry
0	10/24	1433		39.02								WL from temp MP
5		1440	1448	59.31	Pump	5	408	22.3	26.28	0.844	7.02	27.8 begin pumping
10		1448	1500	98.90	Pump	5	413	22.6	26.31	0.840	7.47	24.7
15		1500	1510	122.0		5	418	22.8	26.30	0.840	7.63	19.2
20		1510	1525	140.92		5	423		26.39	0.850	7.60	19.1
22		1525	1536	146.40		2	425		26.42	0.875	8.15	16.2
24		1536	1538	149.20		2	427		26.46	0.842	7.37	22.6

AGS = Above Ground Surface
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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID: M-254	Borehole Volume (gal) 18.3	Screen Interval (ft bgs) 138.5 - 148.3

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/24	1538	1543	150.1	Pump	1	428	23.4	26.7	0.846	7.46	26.7	Well dry
	1544				2							2 gal secondary containment from leaks
10/25	9:50	10:05	40.86	Surge								WL from temp. point
	10:08	10:16	~~37.52~~ 40.66 SPM	Pump	4	432		21.27	0.841	8.24	68.3	
	10:16	10:23	91.57	Pump	4	436		21.36	0.838	8.73	81.3	
	10:23	10:29	98.45	Pump	3	439		21.31	0.852	8.99	40.2	Pump stopped, Turb meter re cal
	10:48	10:58	115.51	Pump	4	443		21.52	0.853	8.78	47.5	Turb meter working Pump resumed
	10:58	11:08	134.42	Pump	4	447		21.60	0.862	9.17	54.2	
	11:08	11:20	144.45	Pump	4	451		21.68	0.864	9.20	356	Murky water
	11:20	1125	-	Pump	2	453		-	-	-	-	Pump stopped
	11:25	1132	-	Surge				-	-	-	-	
	1132	1142	158.2	Pump	4	457		22.27	0.847	9.39	252	Pump started
	1142	1145	147	Pump	1	458	25	22.56	0.843	8.30	171	Well dry
1145	~~1240~~ SPM	1240	119.75	-	-	-		-	-	-	-	WL from temp. point, recharged 39 ft/55 min
	1345	1355	115.6	Pump	4	462		21.82	0.903	7.81	85.1	
	1355	1405	133.11	Pump	4	466		21.85	0.911	8.54	47.1	
	14:05	14:14	149.66	Pump	4	470		21.90	0.914	8.88	60.1	
	14:14	1427	150.99	Pump	3	473	25.8	22.21	0.894	8.20	73.4	Well dry
10/31	1055	11:15		hand surge								~~WL From Temp Meas Point~~
	1135		50.81									WL From Temp Meas Point (TOC + 4ft)
	11:43	1204	113.9	Pump	10	483		-	-	-	-	water brown w/ sediment
	1214	1217	120.5	Pump	~~15~~ 3	486		26.49	11.42	8.92	897	cloudy
	1217	1230	129.6	Pump	4	490		-	-	-	-	
	1233	1240	141.69	Pump	4	494		-	-	-	-	sl. cloudy
	1240	1300	145.95	Pump	4	498		-	-	-	-	cloudy
	1300	1310	149.4	Pump	3	501		-	-	-	-	cloudy; well dry
11/8	0745		32.51									WL from TOC
	0746		36.71									from MP
	0813	0821	76.17	Pump	4	505		25.32	0.796	8.41	449	
	0821	0832	86.8		4	509		25.82	0.779	8.50	298	
	0832	0852	103.86		4	513		25.34	0.798	8.47	295	cloudy
	0852	0912	120.3		4	517		25.32	0.801	8.57	88.4	
	0912	0925			4	521		26.29	0.808	9.53	90.5	

AGS = Above Ground Surface
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TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID: MW-254	Borehole Volume (gal)	Screen Interval (ft bgs)

Development Log								Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	11/8	~~0735~~ 0942	0950	132.56	Pump	4	526		25.10	0.801	8.72	76.8	
4		0950	0959	131.05	Pump	4	530		25.73	0.902	8.58	87.1	
28		0959	1020	142.68	Pump	4	534		25.56	0.915	9.03	154	
32		1020	1035	144.4	Pump	4	538		25.50	0.918	9.11	150	
		1035	1047	148.1	Pump	4	542		25.45	0.916	9.10	554	turn off
		1047	1115										Recharge
		1115		135.75									
		~~1116~~			~~Pump~~								
0	11/10	1135		33.33									WL from TOC
4		1140	1150	68.85	Pump	4	546		25.9	0.805	8.08	38.3	
8		1150	1200	94.26		4	550		25.95	0.810	8.26	42.4	
16		1200	1209	108.5		4	554		26.03	0.806	8.32	49.2	
20		1209	1216	123.05		4	558		26.00	0.813	8.45	47.4	
		1216	~~1216~~ 1241	138.	~~Pump~~	—			—	—	—	—	~~dry~~ ~~Pump~~
		1216	1241										1 pump
24		1241	1255	143.2		4	562		26.28	0.821	8.64	128	Muddy then slightly cloudy
		1255	1256			—							No flow
		1329		123.8									
0	11/13	1305		31.78									WL from TOC
4		1316		—	Pump	4½	566		—	—	—	—	
8		1355	1405	48.1		4	570		25.169	0.771	8.30	9.7	
12		1405	1416	102.6		4	574		25.73	0.777	8.58	12.9	
16		~~1416~~ 1410	1428	116.8		4	578		25.6	0.784	8.72	14.4	
20		1428	1438	127.65		4	582		25.59	0.786	8.80	15.8	
24		1438	1449	139.5		4	586	32	25.63	0.787	9.02	10.7	Finished completed

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 10/23/17	Task Manager: *Marroquin*	Recorded by: Charlie Chou

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*

Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*

Initial Depth to Water (ft BMP): 41.47 Time: 0919

Contractor: WHE Rodney LaBrosse

Well ID: M-25S-60

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) = ^{temp} 4 ft

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

Depth to Top of Screen, TOS (ft BGS) = 60

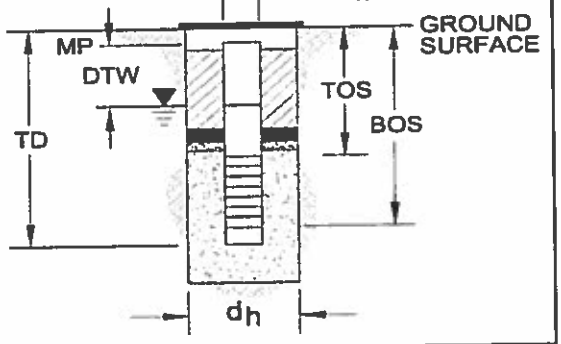
Depth to Bot of Screen, BOS (ft BGS) = 70

Total Depth of Well, TD (ft BGS) = 70.33

Casing Volume, V_C, (gal) =

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$

$(28.86)(0.153) = 4.42$



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Development Log							Water Quality Parameters				Other Parameters
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (Waterra, pump, bail...)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
29	10/23	0924		45.64			0		—	—	—	—	initial WL from temp MP
30		0925	0929		pump	1	1	0.23	—	—	—	—	hand pumped 1gal to break up bottom
32		0929	0934	58.14	pump	2	3	0.68	—	—	—	—	Begin pumping
34		0934	0942	64.55	pump	2	5	1.1	—	—	—	—	
34		0946	0950	53.50		-			—	—	—	—	attached flow cell/Horiba
35		0950	0956	53.57	pump	1	6	1.4	25.58	6.04	12.55	110	water is clear, continue pumping
38		0956	1007	52.71	pump	3	9	2.0	25.54	5.66	12.52	90.7	
42		1007	1015	62.05	pump	4	13	2.9	25.37	4.76	12.34	126	
46		1015	1025	62.89	pump	4	17	3.8	25.31	4.75	12.18	76.7	
47		1025	1030	63.21		1	18		25.37	4.72	12.11	67.6	switched water containers
0		1031		61.90	pump								resumed pumping
5		1031	1039	65.20	pump	5	23	5.2	25.30	4.31	12.00	94.5	
10		1031	1045	64.78	pump	~~10~~ 5	28		25.31	4.44	11.93	96.0	
15		1045	1053	64.65	pump	5	33		25.30	4.23	11.92	72.4	
20		1053	1109	56.11	pump	5	38		25.32	4.35	9.91	9.0	recalibrated horiba pH *
24		1109	1115	59.35	pump	4	42		25.33	4.22	9.94	26.6	
28		1115	1122	60.59	pump	4	46	10.*	25.32	4.26	9.92	20.3	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-255-60	4.42	60-70

	Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
32	10/23	1122	1128	61.67	Pump	4	50	11.3	25.31	4.24	9.85	20.0	
36	10/23	1128	1134	62.11	pump	4	54	12.2	25.34	4.21	9.78	20.5	
40	10/23	1134	1141	63.20	pump	4	58	13.1	25.36	4.22	9.76	19.7	conditions met for stabi
													water quality conditions
													end pumping

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TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 10/23/17	Task Manager: *Marroquin*	Recorded by: Charle Cha

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*

Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*

Initial Depth to Water (ft BMP): 41.64 Time: 0736

Contractor: WHE Rodney LaBrosse

Well ID: M-25S-100

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) = temp 4ft

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

Depth to Top of Screen, TOS (ft BGS) =

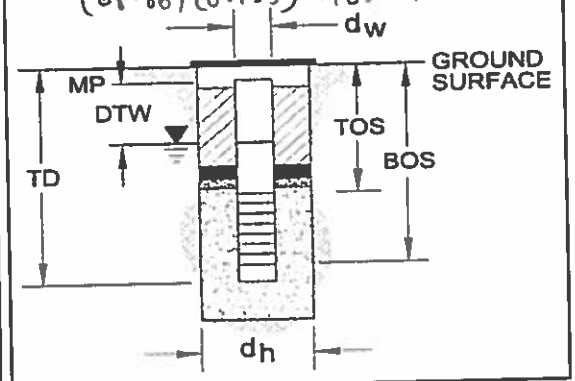
Depth to Bot of Screen, BOS (ft BGS) =

Total Depth of Well, TD (ft BGS) = 110.5

Casing Volume, V_c, (gal) =

$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$

$(68.86)(0.153) = 10.54$



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Development Log					Cumulative Removed		Water Quality Parameters				Other Parameters
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (Waterra, pump, bail...)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	10/23	0738		45.65									Initial WL from Temp MP
4		0750	0801	85.61	pump	4	4	0.4	—	—	—	—	Begin
8		0801	0809	102.47	pump	4	8	0.76	—	—	—	—	muddy/silty to cloudy
12		0809	0817	104.88	pump	4	12	1.1	—	—	—	—	
16		0817	0832	104.83	pump	4	16	1.5	—	—	—	—	cloudy, slight green tint
20		0832	0843	106.15	pump	4	20	1.9	—	—	—	—	"lemonade" color tint
24		0843	0855	107.93	pump	4	24	2.3	—	—	—	—	cloudy, more turbid
28		0855	0911	110.61	pump	4	28	2.7	—	—	—	—	cloudy
29		0911	0913	110.30		1	29	2.8	—	—	—	—	ran dry, recalibrated Horiba
40		1150		41.91					—	—	—	—	WL from Temp MP, resumed
43		1159	1203	68.25	pump	2	31	2.9	—	—	—	—	pumping after recharge time
44		1203	1210	78.85		2	33		—	—	—	—	muddy, hand pumped to break
45		1210	1215	83.26		1	34		—	—	—	—	muddy, hand pumped to break up
47		1215	1220	88.90		2	36		—	—	—	—	Cloudy
50		1220	1230	97.59		3	39		—	—	—	—	cloudy, filled tank
47		1230	1235	101.61		3	42		—	—	—	—	Swapped to alter tanks, filled tanks, end pumps
50		1235											

AGS = Above Ground Surface
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TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID: M-255-100	Borehole Volume (gal) 10.54	Screen Interval (ft bgs) 100-110

	Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	10/24	0740		47.47									WL from temp MP
2		0755	0800	73.40	pumping	2	44	4.2	25.39	0.075	6.38	114	Begin pumping
5		0800	0805	84.63		3	47		25.48	0.080	6.55	57.0	
10		0805	0815	94.60		5	52		25.33	0.072	6.60	57.8	yellow-green tint
13		0815	0826	101.77		3	55		25.21	0.060	6.65	56.0	
15		0826	0834	103.54		2	57		25.14	0.050	6.67	53.9	
18		0834	0846	106.87		3	60		25.06	0.045	6.69	76.8	some fines in screen?
21		0846	0857	108.31		3	63		25.06	0.051	6.70	75.0	
24		0857	0910	107.76		3	66	6.3	25.13	0.069	6.72	86.5	
25		0910	0921	109.00		1	67		25.18	0.049	6.73	66.0	
28		0921	0929	109.35		3	70		25.20	0.045	6.74	72.5	
31		0929	0938	109.71		3	73		25.23	0.052	6.74	80.3	
33		0938	0946	110.31		2	75		25.38	0.041	6.80	74.5	
35		0946	0957	112.08		2	77		25.34	0.033	6.82	68.2	
38		0957	1005	111.70		3	80		25.45	0.041	6.82	65.4	fines being pulled through?
38.5		1005	1011	111.10		1	80.5	7.7	25.59	0.039	6.82	73.0	Slowing pump rate to let
39		1011	1030	109.43		1	81		25.76	0.047	6.78	62.0	WL rise and recharge pull
40		1030 ~~1054~~	1054	109.62		1	82		25.52	0.091	6.76	59.6	fines through.
41		1054	1101	112.10		1	83		25.31	0.102	6.74	56.0	
44		1101	1107	112.21		3	86						End pumping, Pan Dry
0	10/25	0738		45.85									WL from temp MP
4	10/25	0745	0754	76.93	Pump	4	90	8.5	25.29	3.83	6.57	276	Begin pumping
8		0754	0801	88.25		4	94		25.22	4.04	6.59	267	yellow tint
12		0801	0815	99.05		4	98		25.11	4.04	6.62	218	
16		0815	0833	103.61		4	102		23.87	3.58	6.09	88.7	recalibrated horiba
20		0833	0844	105.72		4	106		24.75	3.76	6.83	203	
22		0844	0852	107.60		2	108		24.75	3.60	6.87	274	
24		0852	0900	108.78		2	110		24.80	3.04	6.88	366	
25		0900	0905	110.11		1	111		24.81	3.51	6.91	176	
27		0905	0910	111.0		2	113		24.78	2.69	6.93	566	
28		0905	0916	113.9		1	114	10.8	24.65	2.47	6.99	838	randry
Surge 0	10/26	0802		75.72	~~Surge~~								WL from temp MP
4		0804	0811	73.99	Pump	4	118	11.2	24.97	3.73	7.47	161	Begin pumping

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
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NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
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uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-255-100	10.54	100-110

Development Log													Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)					
8	10/26	0811	0823	88.0	Pump	4	122	11.6	24.98	3.91	7.69	70.6					
10		0823	0829	96.94		~~4~~ 2	~~126~~ 124		24.86	4.01	7.77	40.9					
12		0829	0833	98.14		2	126		24.75	4.12	7.78	33.1					
16		0833	0844	104.87		4	130		24.72	4.41	7.80	21.2					
17		0844	0850	106.60	Pump	1	131		24.68	4.55	7.82	45.9					
20		0850	0856	107.00		3	134	12.7	24.68	4.51	7.83	135					
21		0856	0901	108.09		1	135		24.62	4.04	7.85	204					
23		0901	0907	109.55		2	137		24.62	3.16	7.86	70.7					
25		0907	0911	110.01		2	139		24.65	2.90	7.88	41.4					
26		0911	0917	111.95		1	140		24.65	2.97	7.90	103					Ran Dry
0	10/30	0750		47.31													WL from temp MP
0		0755		—	Surge	<1	—	—	—	—	—	—					surged well by hand
4		0759	0813	67.73	pump	4	144	13.7	24.70	3.75	7.64	32.2					yellow tint.
8		0813	0831	85.57	pump	4	148		24.81	3.89	7.76	29.0					
12		0831	0851	91.91		4	152	14.4	24.78	4.07	7.82	14.1					
15		0851	0904	97.07		~~3~~	~~156~~ 155		24.62	3.92	7.83	14.4					
18		0904	0920	101.91		3	158		24.77	4.05	7.87	9.1					
21		0920	0934	105.01		3	161		24.78	4.03	7.92	7.5					
23		0934	0941	105.11		2	163		24.82	3.98	7.92	7.9					
25		0941	0956	106.85		2	165		24.77	4.02	7.90	89.7					
27		0956	1006	107.31		2	167	15.8	24.78	4.24	7.89	113					
30		1006	1021	107.30		3	170		24.87	3.99	7.84	116					
32		1021	1040	106.85		2	172		24.74	3.68	7.91	88.2					
35		1040	1104	105.73		3	175	16.6	25.38	2.94	7.94	36.3					
37		1104	1120	104.66		2	177		25.17	3.18	7.93	20.3					
39		1120	1132	104.60		2	179		25.35	3.17	7.91	20.9					
41		1132	1144	104.37		2	181		25.43	3.30	7.91	20.1					
42		1144	1202	103.81		1	182		25.58	3.51	7.89	11.3					
45		1202	1217	103.90		3	185	17.6	25.42	3.54	7.81	7.3					
47		1217	1240	105.42		2	187		25.13	4.04	7.88	4.7					
48		1240	1254	105.19		1	188		25.16	4.17	7.90	7.2					
49		1254	1300	105.02		1	189		25.13	3.90	7.91	7.7					
50	↓	1300	1304	104.97	↓	1	190		25.13	3.84	7.91	7.8					Started new tote
0	10/30	1304															

AGS = Above Ground Surface
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BOS = Bottom of Screen
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ORP = Oxidation/Reduction Potential
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uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-255-100	10.54	100 - 110

	Development Log							Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
2	10/30	1304	1323	104.04	pump	2	192	18.21	25.29	3.45	7.93	3.7	
1		1323	1327	105.15	pump	1	193	18.3	25.24	3.34	7.12	4.1	stabilized. well development complete

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 10/26/17 | Task Manager: *Marroquin* | Recorded by: C. Chou

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*

Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*

Initial Depth to Water (ft BMP): 40.31 | Time: 1220

Contractor:

Well ID: M-256-60

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) = 4

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

Depth to Top of Screen, TOS (ft BGS) =

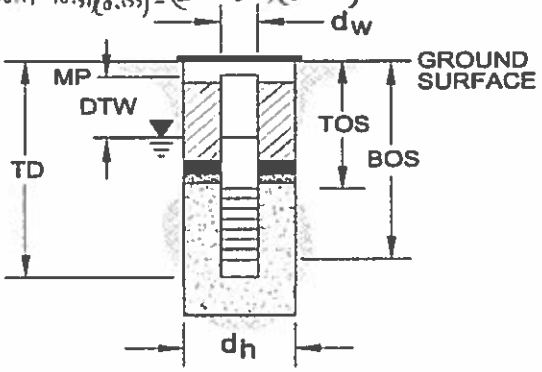
Depth to Bot of Screen, BOS (ft BGS) =

Total Depth of Well, TD (ft BGS) = 70.17

Casing Volume, V_C, (gal) =

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 4.57

$(70.17-40.31)(0.153) = (29.86)(0.153) =$



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (Waterra, pump, bail...)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
0	10/26	1447	1451		surge								
0		1450		46.88									WL from Temp MP
4		1452	1506	64.70	pump	4	4	0.89					Begin Pumping
8		1506	1512	64.71		4	8	1.8	25.67	2.77	10.38	519	cloudy
12		1512	1519	66.32		4	12	2.6	25.67	2.25	10.37	377	cloudy
16		1519	1529	68.65		4	16	3.5	25.68	2.19	10.06	360	cloudy
17		1529	1531	69.05		1	17		25.69	2.19	10.01	175	
18		1531	1532	69.96		1	18		25.67	2.20	10.14	107	
20		1532	1536	70.20		2	20		25.61	2.18	10.18	52.7	
21		1536	1540	71.30		1	21	4.6	25.71	2.23	10.52	25.2	
23		1540	1543	71.70		2	23		25.72	2.27	10.61	20.9	
24		1543	1547	72.60		1	24		25.73	2.51	10.14	1.4	
25		1547	1550	72.81		1	25		25.73	2.61	10.02	0.2	
25.5		1550	1552	73.61	↓	.5	25.50						Well dry
	10/27		11:21	46.02		-	-	-	-	-	-	-	WL
5		11:21	11:29	61.49	Pump	4	29.5		25.63	2.20	10.05	176	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation, 3rd Mobilization* | Task No.: M-02-01

Date: 10/27/17 | Task Manager: *Marroquin* | Recorded by: JP Masters

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): | Time:

Contractor:

Well ID: M - 256 - 60

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) =

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

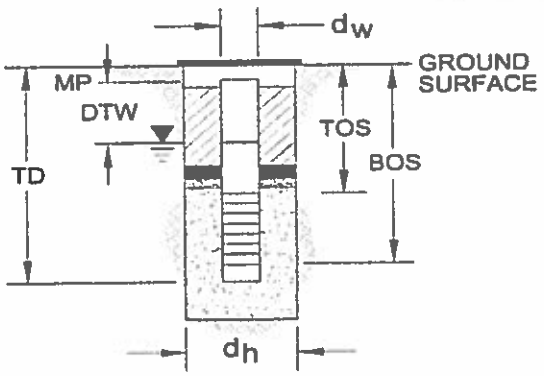
Depth to Top of Screen, TOS (ft BGS) = 60

Depth to Bot of Screen, BOS (ft BGS) = 70

Total Depth of Well, TD (ft BGS) =

Casing Volume, V_c, (gal) =

$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 4.57



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:			
Material:			
Dimension:			
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Development Log						Cumulative Removed		Water Quality Parameters				Other Parameters
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
9	10/27	11:29	11:39	64.86	Pump	4	33.5	7.3	25.53	2.32	10.18	34.0	
13		11:39	11:46	66.95	Pump	4	37.5		25.48	2.29	10.19	10.2	
17		11:46	11:56	69.59	Pump	4	41.5		25.49	2.25	9.93	38.7	
21		11:56	12:01	69.08	Pump	2	43.5	9.5	25.64	2.24	9.86	63.8	well Dry
25	10/31	0935		44.37									water level from temp MP
29		0936	0950	56.63	pump	4	47.5	10.4	25.47	2.35	9.47	57.5	begin pumping
33.5		0950	1009	59.65		3.5	51		25.48	2.40	9.64	15.4	
34.5		1009	1020	61.50		2	53		25.48	2.41	9.68	5.9	
38.5		1020	1046	60.30		4	57		25.58	2.44	9.60	1.5	
42.5		1046	1058	64.40		4	61		25.45	2.45	9.48	0.1	adjusted speed
43.5		1058	1105	66.60		1	62		25.48	2.44	9.60	3.1	
45.5		1105	1112	67.20		2	64	14	25.49	2.47	9.52	1.1	
48		1112	1121	68.90		2.5	66.5		25.39	2.56	9.16	1.0	
				67.19									Final WL
													Complete

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 4 & 5 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 10/26/17	Task Manager: *Marroquin*	Recorded by: C. Chou

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Waterra Inertial System with Dedicated Tubing; Final Development Includes Collecting Water Quality Parameters.*

Decontamination Method: *Water Level Meter tape and probe scrubbed with a dilute solution of Micro-90 followed by distilled water rinse.*

Initial Depth to Water (ft BMP): 39.67 Time: 1225

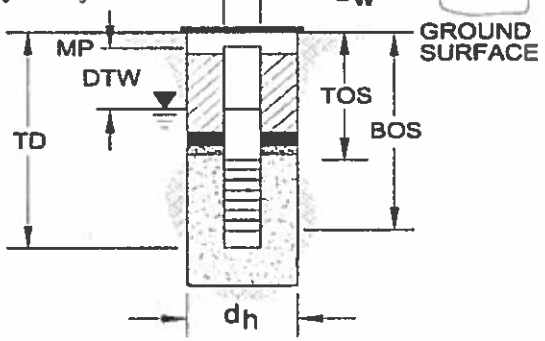
Contractor: WHE Rodney LaBrosse

Well ID A-256-100

Well Construction Details:

Date Installed =
Measuring Point, MP (ft BGS) = 4
Well Inner Diameter, d_w (in) = 1.94
Borehole Diameter, d_h (in) =
Depth to Top of Screen, TOS (ft BGS) = 100
Depth to Bot of Screen, BOS (ft BGS) = 110
Total Depth of Well, TD (ft BGS) = 109.83
Casing Volume, V_C, (gal) =

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$
$(109.83 - 39.67)(0.153) = (70.18)(0.153) =$ ~~10.73~~ 10.73



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Inertial	Weighted	Inertial Foot Valve
Material:	HDPE	Stainless	PVC
Dimension:	1/2" ID (5/8" OD)	2.5 LF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New chord ea well	Nom 5-in throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (Waterra, pump, bail...)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
0	10/26	1226		4+39.67=43.67									WL from temp MP
0		1227	1233		surge		0						surged pipe
2		1233	1237	55.14	pump	2	2		–	–	–	–	Begin Pumping, Muddy
5		1237	1246	79.60		3	5	0.47	–	–	–	–	followed by green/yellow
10		1246	1257	98.75		5	10		–	–	–	–	tinted water, "gatorade"
12		1257	1305	104.20		2	12		–	–	–	–	appearance.
15		1305	1316	104.30	↓	3	15	1.4	–	–	–	–	green tint, very strong
20		1316	1333	106.9	pump	5	20		–	–	–	–	
24		1333	1342	108.23		4	24	2.2	–	–	–	–	
26		1342	1352	109.80		2	26		–	–	–	–	
28		1352	1357	113.15		2	28		–	–	–	–	
30		1357	1404	112.40		2	30		–	–	–	–	
33		1404	1415	112.37		3	33		25.87	27.1	8.84	11.0	
34		1415	1419	112.77		1	34		25.67	27.4	8.84	5.1	
35		1419	1421	113.14		1	35	3.3	25.67	27.2	8.47	1.2	
35		1421	1427	113.64	↓	<1	35						Ran Dry

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 10/26/17	Task Manager: *Marroquin*	Recorded by: JP/Masters

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

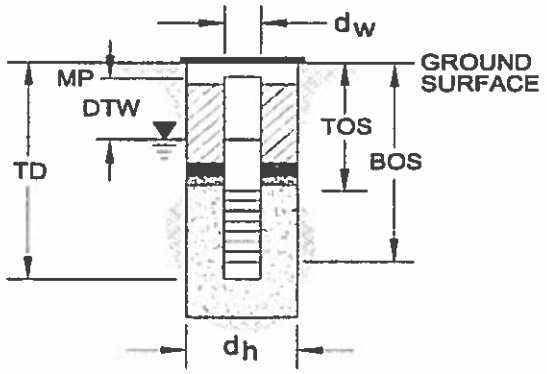
Initial Depth to Water (ft BMP): Time:

Contractor:

Well ID: PM-256-100

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	
Depth to Top of Screen, TOS (ft BGS) =	
Depth to Bot of Screen, BOS (ft BGS) =	
Total Depth of Well, TD (ft BGS) =	
Casing Volume, V_c, (gal) =	
$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$	10.73



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:			
Material:			
Dimension:			
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log						Cumulative Removed		Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/27	9:55		45.27	-	-	35	-	—	—	—	—	WL from temp MP
	~~9:59~~			~~Pump~~								~~Yellow~~
	~~9:59~~											
	~~1017~~	1011	75.85	Pump	4	~~839~~	3.6	25.54	24.5	8.98	30.7	yellow
	1011	1022	90.76	Pump	4	43		25.50	25.8	8.87	26.0	yellow
	1022	1035	100.37	Pump	4	47		25.31	27.2	8.65	28.8	yellow
	1035	1044	105.82	Pump	4	51		25.21	25.0	8.61	17.8	yellow
	1044	1052	108.20	Pump	4	55		25.22	27.3	8.13	12.9	yellow
	1052	1105	107.91	Pump	4	59		25.23	30.0	7.86	25.7	yellow
	1106	1114	113.8	Pump		60		25.6	31.3	7.80	10.2	Randy
10/30	1405		46.70									WL from temp MP
	1407	1420	77.67	Pump	4	64	6.0	25.67	28.0	8.28	20.3	Green-yellow tint
	1420	1436	94.00		4	68		25.82	28.3	8.24	19.5	
	1436	1447	103.83		4	72		25.75	28.4	8.17	20.8	
	1447	1502	106.21		4	76	7.1	25.68	28.4	8.06	18.0	
	1502	1507	107.10		1	77		25.52	27.3	7.93	6.8	
	1507	1510	107.25		1	78		25.69	27.0	7.90	3.6	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-256-100	10.73	1

	Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Water Quality Parameters: Spec. Conduct. (uS/cm)	Water Quality Parameters: pH	Water Quality Parameters: Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
20	10/30	1510	1518	107.34	Pump	2	80	7.5	25.94	28.4	7.95	4.0	
23	10/30	1518	1526	109.32	↓	3	83		25.56	28.7	7.89	3.4	
27	'	1526	1548	111.61		4	87	8.1	25.59	31.4	7.90	22.0	
30		1548	1555	–		3	90		25.39	31.4	7.73	19.7	Pump is pumping but
33	~	1555	1600	–	↓	3	93		25.89	32.1	7.87	23.5	water level seems dry
	10/30	1600	1601	113.05	Pump								final WL. Well dry
0	10/31	0738		43.62									WL from temp MP
4		0740	0756	77.19	Pump	4	97	9.0	25.23	29.5	7.84	9.7	begin pumping
8		0756	0814	86.75		4	101		25.16	30.3	7.82	5.4	green/yellow tint.
12		0814	0828	97.95		4	105		25.09	29.7	7.83	8.1	
16		0828	0846	104.00		4	109		24.91	29.7	7.76	5.4	
20		0846	0901	108.81		4	113		25.08	29.8	7.71	5.0	
22		0901	0914	105.59		2	115		25.10	29.0	7.69	0.3	
24		0914	0922	106.15		2	117	10.9	25.15	30.1	7.70	0.5	
25		0922	0927	106.30	↓	1	118	11	25.08	30.5	7.70	0.1	Well development complete.

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 9/27/17 | Task Manager: *Marroquin* | Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): 37.28 | Time: 0745

Contractor:

Well ID: M-257

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) =

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 7.0

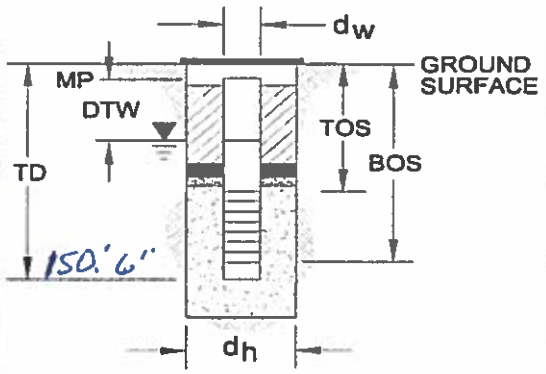
Depth to Top of Screen, TOS (ft BGS) = 140.4

Depth to Bot of Screen, BOS (ft BGS) = 150.1

Total Depth of Well, TD (ft BGS) = 150.5

Casing Volume, V_C, (gal) = (113.2)(0.153

$V_C = 7.48\ [\pi\ d_w/2/12)^2\ ] * [(TD\text{-}MP) - DTW\ ]$ = 17.3



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	Weighted	Swabbing Tool w/ valve
Material:	Poly	Stainless	PVC
Dimension:	1/2" ID	2.5 LF X 1.75 in	5/8" FNPT
Other:	Foot Valve	Wire check on well NOM. 5 in H2O	

Equipment

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
9/27	0800	0820	37.28	Pump	5			–	–	–	–	Clear to muddy
	0825			Pump				–	–	–	–	drop inlet to bottom
		0830		↓				–	–	–	–	Clear to muddy
		0840			6			–	–	–	–	Clear up
		0920	143.24		16	27		–	–	–	–	Dry 130.0 @ 935
9/28	0755	0805	39.06									Cloudy approx 1 min
	0807			Pump				–	–	–	–	Lift up 1'
		0815		Pump	5			–	–	–	–	Sl cloudy
		0840		Pump	12			–	–	–	–	
		0900	146.15	Pump	25+	52	3.0	–	–	–	–	laundry, turn off 0910 137.21
9/29	0800		39.57									30 secs - very cloudy
		907	139.40	Pump	25	77	4.5	–	–	–	✓	clear, rav dry
10/2	0805		37.98									clear to sl cloudy
	0905		141.00	Pump	25	102	5.9	–	–	✓	–	Rav dry.
	0940		39.24									Sl cloudy
		1032	143.82	Pump	25	127	7.3	–	–	–	–	laundry, sl cloudy

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRATECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 9/27/17	Task Manager: *Marroquin*	Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): 37.28 Time: 0745

Contractor: WPE Rodney LaBrosse

Well ID: M-257

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) =

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 7.0

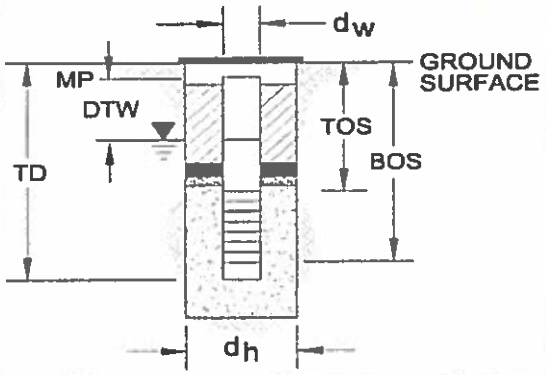
Depth to Top of Screen, TOS (ft BGS) = 140.4

Depth to Bot of Screen, BOS (ft BGS) = 150.1

Total Depth of Well, TD (ft BGS) = 150.5

Casing Volume, V_c, (gal) = (113.2)(0.153)

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 17.3



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra		
Material:	Poly		
Dimension:	½" ID		
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (µS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/4 ~~0736~~	0736		41.72	Pump				–	–	–	–	Initially muddy (1 min) set 2' above bottom
	0835			↓	23			–	–	–	–	Drop down to bottom
	0900		145.55	↓	5 28	155	8.9	–	–	–	–	SI cloudy to clear.
0	10/13 0735		41.69									WL from tem MP
10		0741	0825	107.46	Pump	10			25.12	1.01	9.0	37.8	Muddy to SI. cloudy
15		0825	0837	128.95	↓	5			24.91	1.00	8.83	24.0	SI cloudy
16		0837	0845	139.20		1			25.09	1.00	8.62	20.9	
18		0845	0850	145.0		2			25.10	1.01	8.51	32.0	
20		0850	0855	148.1		10 2	175	10.1	25.04	1.00	8.55	48.4	Run dry
10/16		0957		41.81									WL from temp. MP
34		1003	1013	83.93	pump	4	179		25.39	0.992	7.61	11.8	
38		1013	1022	106.25		4	183		25.43	0.994	8.16	18.5	
42		1022	1031	123.70		4	187		25.41	0.982	7.69	22.0	
46		1031	1041	140.50		4	191		25.47	0.985	7.57	17.0	
49		1041	1048	146.00	↓	3	194		25.54	0.989	7.68	18.1	Began to get cloudy to muddy
50		1055				1	195	11.3 ← total gallons (including secondary containment)					

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

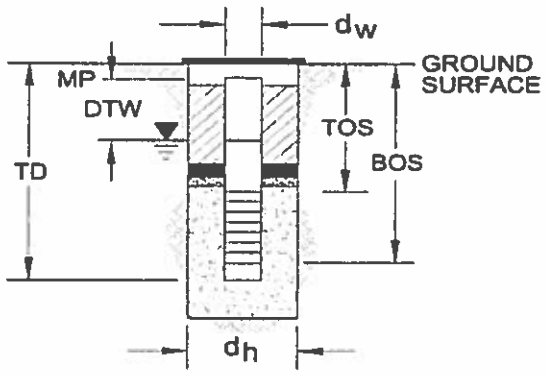
NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date:	Task Manager: *Marroquin*	Recorded by:
Development Criteria: *10 well volumes or stabilized water quality parameters*		
Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*		
Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*		
Initial Depth to Water (ft BMP):		Time:
Contractor:		

Well ID: MW57

Well Construction Details:

Date Installed =	
Measuring Point, MP (ft BGS) =	
Well Inner Diameter, d_w (in) =	1.94
Borehole Diameter, d_h (in) =	7.0
Depth to Top of Screen, TOS (ft BGS) =	140.4
Depth to Bot of Screen, BOS (ft BGS) =	150.1
Total Depth of Well, TD (ft BGS) =	150.5
Casing Volume, V_c, (gal) =	
$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$	17.3



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:			
Material:			
Dimension:			
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/18	1030		44.25									WL temp MP
40 10/16	1031	1036	72.88	pump	4	199	11.5	25.49	0.93	8.27	37.6	Begin.
44 10/16	1036	1045	94.44	pump	4	203	11.7	25.46	0.905	8.72	48.6	
48 10/16	1045	1058	115.47	pump	4	207	12.0	25.48	0.903	8.76	42.1	
0 10/16	1058		114.11									switched containers, water full in 1st one
4 10/16	1102	1111	128.51	pump	4	211	12.2	25.54	0.894	8.87	446	cloudy
8 ↓	1111	1122	143.22	pump	4	215	12.4	25.57	0.902	8.81	755	water increasing in fines/ cloudiness. 1000+ NTU at one point
12	1122	1133	150.40	pump	4	219	12.7	25.66	0.917	9.06	177	
16 ↓	1133	1147	150.4	pump	4	223	12.9	26.23	0.918	8.13	107	End
10/20	0928		46.91									WL temp M.P.
4	0934	0945	83.41	pump	4	227		25.59	0.836	7.36	168	
8	0945	0953	97.81		4	231		25.61	0.845	7.42	116	
12	0953	1011	118.05		4	235		25.80	0.845	7.42	105	
16	1011	1022	137.31		4	239		25.92	0.835	7.40	24.9	
20	1022	1028	144.10		4	243		25.98	0.837	7.35	21.6	
24	1028	1040	148.72		4	247	14.8	25.94	0.839	7.29	409	cloudy

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-257	17.3	140.4 - 150.1

Development Log								Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
10/20	1128		42.00									W.L. from temp M.P
35	1214	1220	68.91	pump	4	227		25.61	0.985	7.23	0.0	
39	1220	1230	89.20	↓	4	231		25.62	0.978	7.22	0.0	
43	1230	1240	110.85		4	235		25.62	0.977	7.22	0.0	
47	1240	1250	126.46		4	239	13.8	25.62	0.977	7.22	0.0	well is stabilized and clean.

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

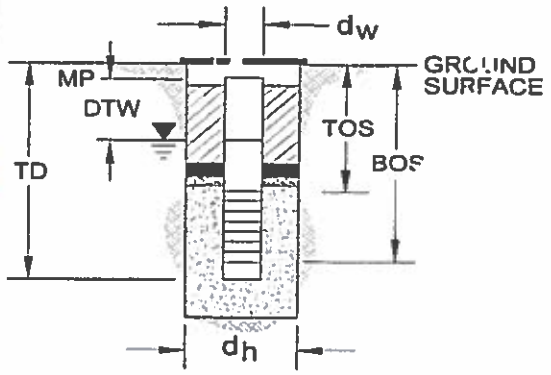
NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date: 9/21/17	Task Manager: *Marroquin*	Recorded by:
Development Criteria: *10 well volumes or stabilized water quality parameters*		
Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*		
Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*		
Initial Depth to Water (ft BMP): 40.54		Time: 1015 1000
Contractor: WHE RODNEY LABROSSE		

Well ID: M-258

Well Construction Details:

Date Installed = 8/22/17
Measuring Point, MP (ft BGS) = 0.29
Well Inner Diameter, d_w (in) = 1.94
Borehole Diameter, d_h (in) = 7.0
Depth to Top of Screen, TOS (ft BGS) = 139.9
Depth to Bot of Screen, BOS (ft BGS) = 149.7
Total Depth of Well, TD (ft BGS) = 150.1
Casing Volume, V_c (gal) = (109.27)(0.153)
$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 16.7



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Mega Monsoon	Weighted	Foot Valve*
Material:	Plastic	Stainless	PVC
Dimension:	1.75"	2.5LF x 1.75 in	5/8" FNPT
Other:	P3 10420	Nonchlorinated Nylon 5-m Rope	

*Foot Valve HOPE

Equipment 1/2" 10 Foot valve

	Model	Serial Number
Water Quality	Horiba U-52	
Turbidimeter	Horiba U-52	
Flow Cell	Horiba U-52	

Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 vol = 0.163 Gals' F
9-21	—	1000	40.54									
	1005	1040	44.85	BAIL	0.8	0.8		—	—	—	—	INITIAL MUCK REMOVAL
	1042	1135	118.23	PUMP	17.5	20.3						M. MONSOON
	1205	1215	90.05		2.5	23.8						
9-22	1252	—	41.15									
	1258	1310	66.11	PUMP	~6.0	29.8						PUMP LOST EFFICIENCY ENDED @ 200 mL/min
		Flushed Silt Out of Pump in Bucket of										Portable water
	1323	1337	69.80	Pump	3.0	32.8						Pump Failed
10/4	1322	1320	40.67	Pump*	2.0	35						
	1333	1347			10	45						Set @ TOS Clear to SI cloudy Dropped 2'
	1347 1400	1400			5	50						
	1401	1415			5	55						Drop 2'
	1415	1430	138.86		5	60						Set @ BOS bottom
	1431	1447	146.20	↓	292	62	3.7					Run dry,
10/12	1256		41.21									WL TOC
	1302	1324	112.4	Pump	10			—	—	—	—	Set at BOS Muddy
	1324	1330	119.5	Pump	5			—	—	—	—	

AGS = Above Ground Surface
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BOS = Bottom of Screen
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dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-258	16.7	139.9 - ~~149~~ 149.7

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/12	1330	1343	142.4	Pump	4	81	4.6					
10/17	0800		94.95	~~Pump~~	-							WL temp MP
	0810	0821	77.62	Pump	~~4~~	~~85~~	5.1	25.8	0.801	8.80	33.3	Begin
	0821	0834	95.60	Pump	~~8~~ 4	89	5.3	25.19	0.801	8.71	101	
	0834	0846	110.6	Pump	4	93	5.6	25.23	0.804	8.54	231	
	0846	0857	122.41	Pump	4	97	5.8	25.36	0.803	8.40	256	
	0857	0910	135.42	Pump	4	101	6.0	25.43	0.800	8.61	66.5	
	0910	0930	144.50	Pump	4	105	6.3	25.47	0.800	8.62	33.6	
	0930	0943	148.35	Pump	4	109	6.5	25.50	0.804	8.48	656	cloudy fines
	0943	0958	152.65	Pump	4	113	6.8	25.62	0.795	8.61	458	End
					4	117	7.0					captured from tray/ secondary containment
10/18	1130		48.25									
	1131	1138	76.25	Pump	4	121	7.2	25.7	0.841	7.38	99.1	Begin
	1138	1146	100.47		4	125	7.5	25.76	0.840	7.45	123	
	1146	1153	119.25		4	129	7.7	25.79	0.843	7.52	126	
	1153	1204	148.5		4	133		25.89	0.846	7.37	471	cloudy water
	1204	1216	150.1		4	137		26.00	0.844	7.27	373	
	~~1216~~	1226	151.65		3	140	8.4	26.24	0.845	7.32	340	Run dry - End
					2	142						Secondary containment, some sheen on the water

AGS = Above Ground Surface
BGS = Below Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well
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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID: M-258	Borehole Volume (gal) 16.7	Screen Interval (ft bgs) 139.9-149.7

Development Log								Water Quality Parameters				Remarks/Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbid-ity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/20	0928		46.91			146						W.L. from temp. M.P.
4	0934	0945	83.41	pump	4	~~227~~		25.59	0.836	7.36		
8	0945	0953	97.81		4	150		25.61	0.845	7.42		
12	0953	1011	118.05		4	154		25.80	0.845	7.42		
16	1011	1022	137.31		4	158		25.92	0.835	7.40		
20	1022	1028	144.10		4	162		25.98	0.837	7.35		
24	1028	1040	148.72		4	164	9.8	25.94	0.839	7.29		cloudy

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID: M-258	Borehole Volume (gal) ~~17.3~~ 16.7	Screen Interval (ft bgs) ~~140.4 – 150.1~~ 139.9 – 149.7

Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
10/20	Cont'd					~~164~~	9.8					
24	1028	1040	148.72	pump	4	~~247~~ 168	~~14.8~~	25.94	0.839	7.29	409	cloudy
28	1040	1055	152.30	↓	4	~~251~~ 169	~~15.2~~	26.04	0.843	7.23	189	
31	1055	1105	153.21	↓	3	~~254~~	~~14.7~~ 10.1	26.31	0.849	7.50	465	well dry
0 10/24	1145		47.21									wl from Temp MP
4	1157	1206	75.07	pump	4	173	10.4	25.84	0.772	7.21	30.3	Begin pumping
8	1206	1211	102.81		4	177		25.88	0.769	7.25	24.0	
14	1211	1232	124.80		6	183		26.02	0.775	7.17	46.8	
16	1232	1240	128.10		2	185		26.11	0.778	7.12	75.6	
20	1240	1255	137.05		4	189	11.32	26.24	0.775	7.09	51.5	
24	1255	1307	140.45		4	193		26.30	0.774	7.05	46.5	
28	1307	1325	148.11		4	197		26.07	0.778	7.14	51.8	
30	1325	1330	149.29		2	199	11.91	26.20	0.778	7.13	47.5	
34	1330	1345	151.80		4	203		26.31	0.773	6.91	65.7	
35	1345	1354	153.70	↓	1	204	12.20	26.20	0.775	6.93	71.4	Ran Dry
surged 0	10/25	1010		46.16								Initial WL from temp MP
2		1015	1020	60.0	pump	2	206	12.3	25.75	0.685	7.33	14.9	Begin pumping
4		1020	1027	85.25	pump	2	208		25.50	0.677	7.37	20.4	
8		1027	1036	99.39	pump	4	212		25.52	0.680	7.43	21.6	
10		1036	1041	109.16		~~4~~ 2	216		25.54	0.683	7.46	23.4	
12		1041	1046	116.70		2	218	13.5	25.54	0.683	7.54	21.9	
14		1046	1055	126.33		~~4~~ 2	220		25.58	0.684	7.44	22.2	
18		1055	1107	138.58		4	224		25.53	0.682	7.32	10.5	
20		1107	1112	140.15		2	226		25.71	0.682	7.33	8.9	
21		1112	1117	143.99		1	227		25.77	0.681	7.32	3.6	
22		1117	1120	144.95		1	228		25.80	0.680	7.32	2.8	
25		1120	1132	146.56		3	231	13.8	25.77	0.671	7.34	18.8	
26		1132	1137	147.78	↓	1	232		25.80	0.678	7.12	20.5	End pumping. clean

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well

dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

WELL DEVELOPMENT LOG
Flush Mount

TETRA TECH

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization* | Task No.: M-02-01

Date: 10/12/17 | Task Manager: *Marroquin* | Recorded by: K. McGuire

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): 41.68 | Time: 1316

Contractor: WHE Rodney LaBrosse

Well ID: M-~~249~~259-60

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) = 4' Temp

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

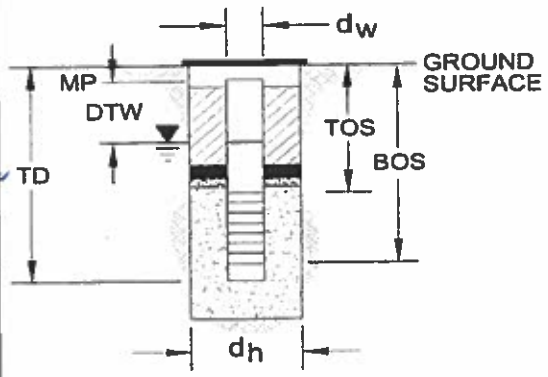
Depth to Top of Screen, TOS (ft BGS) =

Depth to Bot of Screen, BOS (ft BGS) =

Total Depth of Well, TD (ft BGS) = 70.5

Casing Volume, V_c, (gal) = (28.52)[0.153]

$V_c = 7.48\ [\pi\ d_w/2/12)^2\ ] * [(TD-MP) - DTW\ ]$ = 4.4



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra		Inertial Foot Valve
Material:	Poly		PVC
Dimension:	1/2" ID		5/8" MNPT
Other:			Nom. 5-in Throw

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

	Development Log					Cumulative Removed		Water Quality Parameters				Other Parameters
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
28	10/12	1445		48.06									WL BMP
		1446	1448		Pump	1	1						~~BOS~~ Muddy
		1448	1456	61.15		2	3						BOS
30		1456	1506	~~61.15~~ 63.11		~~1~~ 1	4						
31		~~1504~~		~~63.11~~	Pump								
35		1515	1531	32.37		4	8						Cloudy
41		1531	1545	69.68		6	14	3.8					SI cloudy
43		1545	1551	69.5		2	16						
45		1551	1600	71.56		2	18	4.1					
49		1600	1612	Dry		4	22						rundry SI cloudy
	~~10/13~~	~~0737~~		~~41.68~~									WL from temp MP
27	10/25	1425		45.77									Initial WL from temp MP
30		1433	1437	58.50	pump	3	25	5.7	25.68	2.96	10.88	7.3	begin pumping
32		1437	1442	65.09		2	27		25.80	2.96	10.91	1.6	very clear water
34		~~1447~~ 1442	1449	66.05		2	29		25.79	2.97	10.91	0.9	
36		1449	1456	66.70		2	31	7.0	25.84	2.88	10.89	0.2	very clear water
38		1456	1502	69.55		2	33		25.49	2.88	10.80	0.8	

AGS = Above Ground Surface
BGS = Below Ground Surface
BMP = Below Measuring Point
BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID:	Borehole Volume (gal)	Screen Interval (ft bgs)
M-259-60	4.4	

	Development Log					Incremental Water Removed (Gals)	Cumulative Removed		Water Quality Parameters				Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
	Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)		Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	
40	10/25	1502	1505	71.93	pump	2	35	8.0	25.51	2.87	10.78	10.0	
42		1505	1509	72.75	pump	2	37		25.51	2.89	10.77	3.5	
43		1509	1512	72.60	pump	1	38	8.6	25.51	2.89	10.91	0.0	Well dry. waiting for recharge to reach 10 volumes
	10/25	1540		68.70									WL from temp MP
45		1541	1554	70.60	pump	2	40		25.76	3.82	11.01	10.4	
46		1554	1556	71.35	pump	1	41		25.69	3.05	10.85	5.6	
47		1556	1600	72.85	pump	1	42		25.67	3.08	10.88	0.0	
48		1600	1604	73.40	pump	1	43		25.67	3.96	11.01	0.0	
49		1604				1	44	10	-	-	-	-	well dry, stabilized 1 gal secondary containment

AGS = Above Ground Surface
BGS = Below Ground Surface
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BOS = Bottom of Screen
dw = Inner Diameter of Well
dh = Nominal Diameter of Borehole
DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation, 3rd Mobilization* | Task No.: M-02-01

Date: 10/12/17 | Task Manager: *Marroquin* | Recorded by: K. McIntyre

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): 43.2 | Time: 1330

Contractor:

Well ID: M-259-100

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) = 4 (temp.)

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) = 12"

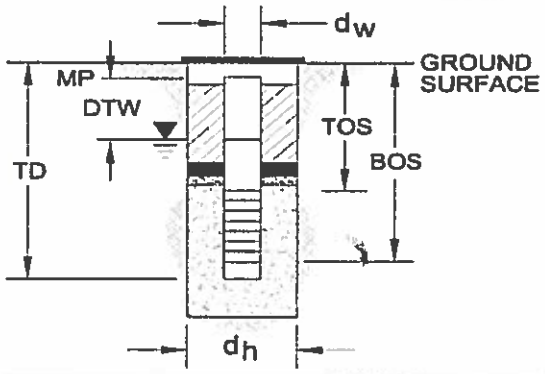
Depth to Top of Screen, TOS (ft BGS) = 100.6

Depth to Bot of Screen, BOS (ft BGS) = 110.3

Total Depth of Well, TD (ft BGS) = 110.8

Casing Volume, V_c (gal) = (67.6)(0.153) = 10.3

$V_c = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$



Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:	Waterra	weighted	Inertial foot valve
Material:	Poly	Stainless	PVC
Dimension:	1/2" ID	2 SLF x 1.75 in	5/8" FNPT
Other:	Foot Valve	New Check at well No. 5 in [illegible]	

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Development Log

Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed Gals	Cumulative Removed Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
10/12	1330		43.2					-	-	-	-	Begin dev WL (RIC)
1355	1359	67.15	Pump	2				-	-	-	-	Start Primary Muddy
1402	1415	104.95		9				-	-	-	-	BOS - Cloudy
1415	1420	106.60		4				-	-	-	-	Cloudy
1420	1426	108.62		4				-	-	-	-	Sl Cloudy
1426	1436	111.32	↓	5	24	2.3		-	-	-	-	Sl. Cloudy
10/24	1240	-	46.99	surge								WL; PH meter would not Calibrate
1240	1257	74.95	Pump	5	29	2.8		21.89	1.24	10.03	106	
1257	1312	84.71	Pump	5	34	3.3		21.82	1.26	9.89	152	
1312	1332	85.24	Pump	5	39	3.8		22.04	1.31	9.73	178	
1332	1354	105.20	Pump	5	44	4.2		22.09	1.43	9.87	640	cloudy
1354	1414	105.77	Pump	5	49	4.7		22.09	1.53	9.42	287	sl: cloudy
1414	1442	106.71	Pump	5	54	5.2		22.13	1.45	9.77	345	sli. cloudy
1442	1456	107.62	Pump	5	59	5.7		21.67	1.42	9.05	144	
1456	1512	112.92	Pump	7	66	6.4		22.05	1.17	9.05	180	well dry

AGS = Above Ground Surface
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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG

Flush Mount

NERT, Henderson, NV Project

WELL ID: M-259-100	Borehole Volume (gal) 10.3	Screen Interval (ft bgs) 100.6-110.3

	Development Log: Date (2017)	Time: Begin	Time: End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Cumulative Removed: Gals	Cumulative Removed: Casing Volumes	Water Quality Parameters: Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	Remarks/Other Parameters (ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
0	10/25	1246		46.00									WL from Temp MP
5		1300	1320	79.00	Pump	5	71		25.92	0.981	7.58	44.3	Begin Pumping
10		1320	1332	88.30	Pump	5	76		26.17	1.05	9.72	77.6	
15		1332	1343	104.12		5	81		25.81	1.19	7.77	166	
17		1343	1345	106.09		2	83		25.83	1.35	7.78	138	
20		1345	1354	107.21		3	86		25.76	1.43	7.36	54.9	
22		1354	1356	108.95		2	88	8.54	25.79	1.64	7.14	55.3	
24		1356	1400	110.32		2	90		25.75	1.32	7.10	229	
26		1400	1406	112.20		2	92		25.75	1.22	7.35	165	
27		1406	1410	112.31		1	93		25.99	1.12	7.70	175	well dry
0	10/26	1001		46.17									WL from Temp MP
1		1005	1006		surge	0							surged small amount of water
4		1007	1014	76.0	pump	4	97	9.4	25.54	1.17	8.60	18.9	Begin pumping
8		1014	1023	87.46		4	101		25.58	1.19	8.60	15.0	
12		1023	1034	94.60		4	105	10.1	25.60	1.27	8.60	20.7	
16		1034	1044	104.92		4	109		25.60	1.46	8.57	23.5	
18		1044	1050	105.20		2	111		25.57	1.60	8.61	18.6	
20		1050	1054	106.5		2	113	11.0	25.57	1.71	8.56	15.6	
21		1054	1059	107.75		1	114		25.57	1.94	8.29	10.1	
22		1059	1102	107.60		1	115		25.52	1.50	8.27	10.9	
24		1102	1105	108.33		2	117		25.49	1.83	8.20	15.6	
25		1105	1107	110.32		1	118		25.50	1.60	8.18	79.2	
27		1107	1110	111.43		2	120		25.51	1.47	8.41	98.2	
28		1110	1113	112.30		1	121		25.50	1.47	8.43	46.7	
29		1113	1115	113.05		1	122		25.51	1.21	8.51	19.0	
30		1115	1116	113.00		1	123	11.9	25.50	1.12	8.39	10.5	well dry
0	10/27	0748		46.07		—	—	—	—	—	—	—	WL from Temp MP
4		0748	0752		Surge	—	—	—	—	—	—	—	
8		0756	0809	75.98	Pump	4	127		26.18	1.18	8.37	18	
12		0809	0816	84.13	Pump	4	131		25.32	1.21	8.44	17.8	
16		0816	0833	95.61	Pump	4	135		25.47	1.39	8.38	35.6	
20		0833	0847	108.9	Pump	4	139		25.44	1.45	8.35	23.7	
22		0847	0906	103.99	Pump	4	143		25.48	1.45	8.31	6.5	
		0906	0917	109.65	Pump	2	145		25.56	1.44	8.35	4.2	

AGS = Above Ground Surface
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dw = Inner Diameter of Well
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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units
ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

TETRA TECH

WELL DEVELOPMENT LOG
Flush Mount

NERT, Henderson, NV Project

Task Name: *Units 3 & 4 Investigation; 3rd Mobilization*		Task No.: M-02-01
Date:	Task Manager: *Marroquin*	Recorded by:

Development Criteria: *10 well volumes or stabilized water quality parameters*

Purging Method: *Initial Development Using Stainless Steel Bailer; Final Development Using Submersible 12V Pump with Dedicated Well Tubing*

Decontamination Method: *Detergent Solution of Micro-90 with Water Using Scrub Brushes and Pump Detergent Recirculation Followed by the Same with Distilled Water.*

Initial Depth to Water (ft BMP): Time:

Contractor:

Development Methods (Describe):

	Pump	Bailer	Swabbing
Type:			
Material:			
Dimension:			
Other:			

Equipment

	Model	Serial Number
Water Quality	*Horiba U-52*	
Turbidimeter	*Horiba U-52*	
Flow Cell	*Horiba U-52*	

Well ID: M-259-100

Well Construction Details:

Date Installed =

Measuring Point, MP (ft BGS) =

Well Inner Diameter, d_w (in) = 1.94

Borehole Diameter, d_h (in) =

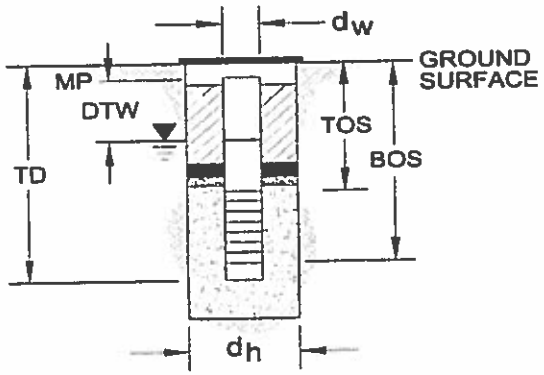
Depth to Top of Screen, TOS (ft BGS) =

Depth to Bot of Screen, BOS (ft BGS) =

Total Depth of Well, TD (ft BGS) =

Casing Volume, V_C (gal) =

$V_C = 7.48 [\pi d_w/2/12)^2] * [(TD-MP) - DTW] =$ 10.3



Development Log						Cumulative Removed		Water Quality Parameters				Other Parameters
Date (2017)	Time Begin	Time End	Water Level (ft BMP)	Method (surge, swab, pump, bail)	Incremental Water Removed (Gals)	Gals	Casing Volumes	Temp (°C)	Spec. Conduct. (uS/cm)	pH	Turbidity (NTU)	(ORP, DO...) Remarks (Flow Cell ...) (2" Sch 80 Vol = 0.153 Gals/LF)
24 10/27	0917	0925	104.70	Pump	2	149		25.57	1.55	8.44	4.8	
26	0925	0938	105.30	Pump	2	149	14.4	25.64	1.79	8.34	2.5	Pump off

AGS = Above Ground Surface
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DO = Dissolved Oxygen
Gal = Gallon
MP = Measuring Point
NTU = Nephelometric Turbidity Units

ORP = Oxidation/Reduction Potential
pH = measure of hydrogen ion concentration
TD = Well Total Depth
TOS = Top of Screen
uS/cm = Micro Siemens per Centimeter

Monitoring Well Purge Water Quality: Second Mobilization

TETRA TECH

LOW-FLOW WATER PURGING & SAMPLING LOG

1489 W. Warm Springs Rd., Ste. 110, Henderson, NV 89014
Tel 702.946.6700

Well ID Number: U4US-~~8~~9

Project Name: Nevada Environmental Response Trust
Field Sampler(s) : Jesse Bunkers
Project Number: 117-7502016-I01
Task Manager: Karl Thompson
Project Location: Henderson, Nevada
Date: 1/3/17

Pump/Tubing Type: GEO bladder / 1/4" LDPE	**Depth to Water (ft):** 38.82	**Screened Interval Top (ft):** 145
Equipment Cleaning Method: Alconox, DI Rinse per SOP	**Total Depth (ft):** 150.5	**Screened Interval Bottom (ft):** 150
Purge Water Disposal: GW-11	**Casing Radius (in):** 4	**Pump Intake Depth (ft):** 147.5

Purge Start Time:

Time	Purge Rate (ml/min)	Vol. Purged (ml)	DTW (ft)	Temp (°C)	pH	Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turb. (NTU)	Color/Odor
1125	100	400		17.98	6.29	0.921	4.82	163	0	clear
1128	100	700		17.98	6.27	0.919	4.42	157	0	clear
1131	100	1000		18.20	6.22	0.911	3.84	147	0	clear
1134	100	1300		18.22	6.23	0.910	3.69	145	0	clear
1137	100	1600		18.27	6.25	0.908	3.55	138	0	clear
1140	100	1900		18.30	6.25	0.908	3.54	138	0	clear
1143	100	2100		18.50	6.24	0.907	3.52	135	0	clear
1146	100	2300		18.71	6.23	0.905	3.39	133	0	clear
1149	100	2500		18.74	6.25	0.904	3.32	131	0	clear
1152	100	2700		18.89	6.26	0.904	3.25	129	0	clear
1155	100	2900		18.89	6.27	0.904	3.19	129	0	clear
1158	100	3200		18.89	6.26	0.904	3.15	129	0	clear

Stop Purge Time: 1158 **Sample Time:** 1158 **Sample ID:** U4US-8-GW-03-01-2017

QA/QC Samples/IDs: **Duplicate ID:**

Observations/Comments:
Suspect turbidity too low for Horiba to read

General Well Condition:

Bottle Set Summary

	3 x VOA w/ HCl		250 mL w/ H2SO4	2	250 mL polyer
1	125 mL w/ EDA	1	250 mL poly w/ HNO3		250 mL amb
1	125 mL HDPE		500 mL poly w/ HNO3		

Monitoring Well Purge Water Quality: Third Mobilization

TETRA TECH

Page 1 of 1

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: U4U5 3rd Invest.	Task Manager: R. Marroquin	Task No: M02	Well ID: M-252		
Field Samplers: J. Souza, C. Chou, K. Lew		Recorded by:	Date: 11/16/17		
Well Depth (ft BGS): 142.5	MP Distance AGS (ft): 2.65	Well Depth (ft BMP): 145.15	Screened/Open Interval Top: —	(ft BGS) 135.05	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: —	(ft BGS) 144.75	(ft BMP)
Pump and Tubing Type: QED SamplePro / LDPE tubing		Pump Intake Depth: —	(ft BGS) 139.90	(ft BMP)	MP Description: T.O.C.
Equipment Decon. Method: Alconox & water (x2)		Depth to Water Before Pump Installation (ft BMP): 40.18	Time: 0706		GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0746	X		23.5		7.88		1.166		6.31		204.2		8.3		160	34.47	
0751	X		23.2		9.18		1.131		5.19		173.9		12.9		120	34.94	800
0756	X		23.7		9.21		1.119		4.38		167.4		11.1		80	35.35	1400
0801	X		23.3		9.22		1.113		4.29		166.0		10.4		80	35.61	1800
0806	X		23.4		9.20		1.111		4.23		165.3		10.5		80	35.81	2200

Sample ID: M-252-20171116 Duplicate ID: M-252-20171116-DUP QA/QC Samples/ID: NA COC Time: 0820

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG = Amber Glass; CG = Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: (Y) N Field Filtered: (Y) N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Units 485 Inv. 3 & 1 Mob.	Task Manager: R. Marrujo		Task No: M02		Well ID: M-249-60
Field Samplers: C. Chou, C. Mowbray			Recorded by: C. Chou		Date: 11/13/17
Well Depth (ft BGS): 70.5	MP Distance AGS (ft): 0	Well Depth (ft BMP): 70.5	Screened/Open Interval Top:	59.5 (ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom:	69.24 (ft BGS) —	(ft BMP)
Pump and Tubing Type: Sample PRO/ LDPE Tubing		Pump Intake Depth:	(ft BGS) 65'	(ft BMP)	MP Description: TOC
Equipment Decon. Method: ALCONOX & H_2O x 2		Depth to Water Before Pump Installation (ft BMP): 34.60	Time: 0714		GW Disposal: GW-11 Pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0715			23.09		11.05		3727		5.64		6.7		41.6		300	39.00	1000
0720			23.82		11.05		3724		4.59		-10.1		31.5		180	39.90	1500
0725			23.93		11.07		3701		4.12		-24.2		23.4		180	40.69	2500
0728			23.17		11.09		3658		4.07		-31.6		20.6		120	40.85	3000
0731			23.36		11.08		3662		3.10		-34.3		17.1		120	41.00	3250
0734			23.50		11.07		3682		3.85		-37.0		17.0		120	41.30	4000
0737			23.63		11.07		3690		3.79		-40.1		15.6		120	41.59	4250

Sample ID: M-249-60-20171113 Duplicate ID: N/A QA/QC Samples/ID: N/A COC Time: 0742

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Charlie Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

Units 445 Inv. 3:1 Mob

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~ R Marroquin	Task No: ~~MDD~~	Well ID: M-241
Field Samplers: C. Chou, C. Mowbray		Recorded by: C. Chou	Date: 11/10/17
Well Depth (ft BGS): 150'	MP Distance AGS (ft): 0	Well Depth (ft BMP): 150'	Screened/Open Interval Top: 145' (ft BGS) (ft BMP)
Well Diameter (in): 4 in	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 150' (ft BGS) — (ft BMP)
Pump and Tubing Type: Sample Pro/LDPE Tubing		Pump Intake Depth: 147.5 (ft BGS) 147.5 (ft BMP)	MP Description: T.oc
Equipment Decon. Method: ALCONOX & H_2O DI x2		Depth to Water Before Pump Installation (ft BMP): 37.75 Time: 0902	GW Disposal: GW-11 Pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0905			22.77		8.84		1053		2.28		60.4		6.21		225	37.2	3000
0908			23.60		8.82		1071		1.44		60.3		6.60		300	37.40	2750
0911			23.86		8.81		1079		1.13		60.2		5.23		300	37.58	3250
0914			23.90		8.81		1081		0.98		59.9		5.18		300	37.96	4000
0917			24.00		8.80		1086		0.73		58.8		3.82		300	38.30	5250
0920			24.06		8.80		1086		0.50		58.5		3.80		300	38.90	6000

Sample ID: M-241-2017-1110 Duplicate ID: — QA/QC Samples/ID: — COC Time: 0925

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Charlie Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

Unit 4 & 5 Inv. 3rd Mob.

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~ R. Marroquin	Task No: M08	Well ID: M-255-60
Field Samplers: C. Mowbray, C. Chou		Recorded by: C. Chou	Date: 11/9/17
Well Depth (ft BGS): 71	MP Distance AGS (ft): 0	Well Depth (ft BMP): 71	Screened/Open Interval Top: 60.36 (ft BGS) — (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 70.1 (ft BGS) — (ft BMP)
Pump and Tubing Type: Sample Pro / LDPE Tubing	Pump Intake Depth: 65 (ft BGS) — (ft BMP)		MP Description: TOC
Equipment Decon. Method: Alconox & H_2O x2	Depth to Water Before Pump Installation (ft BMP): 41.75	Time: 1048	GW Disposal: On-site

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1105			23.12		12.01		4116		7.05		-69.0		110		300	41.4	0
1108			24.29		12.05		4350		5.07		-92.6		87.5		330	41.9	150
1112			24.70		12.10		4907		4.44		-113.6		76.1		300	41.9	290
1115			24.76		12.08		5134		4.23		-122.3		60.6		300	41.75	400
1118			24.78		12.09		5174		4.06		-124.7		51.0		300	41.80	500
1120			24.79		12.02		5232		3.98		-127.7		~~28~~.3		300	41.70	650
1122			24.80		12.00		5211		3.84		-127.4		23.3		300	42.00	675
1124			24.82		11.97		5198		3.84		-127.0		20.2		300	41.85	750
1126			24.81		11.93		5185		3.90		-125.8		20.0		300	41.90	800

Sample ID: M-255-60-20171109 **Duplicate ID:** M-255-60-20171109-DUP **QA/QC Samples/ID:** — **COC Time:** 1128

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Charlie Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

Unit 4 & 5 Inv., 3rd Mob.

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~ R Marcucci	Task No: ~~M00~~	Well ID: M-255-100
Field Samplers: C. Chou, C. Mowbray		Recorded by: C. Chou	Date: 11/9/17
Well Depth (ft BGS): 110.6	MP Distance AGS (ft): 0	Well Depth (ft BMP): 110	Screened/Open Interval Top: 100.2 (ft BGS) 100 (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 109.9 (ft BGS) 110 (ft BMP)
Pump and Tubing Type: Sample PRO / LDPE Tubing	Pump Intake Depth: 105 (ft BGS) 105 (ft BMP)		MP Description: TOC
Equipment Decon. Method: ALCONOX & H_2O x2	Depth to Water Before Pump Installation (ft BMP): 46.82	Time: 710	GW Disposal: GW-11

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0718			21.22		7.77		4679		5.09		107.3		44.8		180	43.45	0
0724			22.20		7.87		5251		4.30		105.2		43.2		180	44.75	500
0728			22.30		7.93		5712		3.71		103.9		35.0		120	45.20	1000
0731			22.37		7.95		5893		3.80		102.5		32.5		105	45.50	1500
0734			22.33		7.96		5936		3.43		101.3		25.1		105	45.70	2000
0737			22.29		7.97		5997		3.26		100.1		25.7		105	46.02	2500
0740			22.13		7.97		5977		3.20		99.8		23.7		105	46.38	2750

Sample ID: M-255-100 **Duplicate ID:** N/A **QA/QC Samples/ID:** NA **COC Time:** 0745

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N | Field Filtered: Y N | COC Number:

Comments:

Signature(s): Charlie Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

Units 4 & 5 Inv. 3rd Mob.

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~B Crosby~~ R. Marroquin.	Task No: M02	Well ID: M-256-60
Field Samplers: J. Souza / C. Chou		Recorded by: C. Chou	Date: 11/7/17
Well Depth (ft BGS): 60.0	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 50.0 (ft BGS) — (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 60.0 (ft BGS) — (ft BMP)
Pump and Tubing Type: QED Sample Pro / LDPE tubing	Pump Intake Depth: —	(ft BGS) 55.0 (ft BMP)	MP Description: T.O.C.
Equipment Decon. Method: Alconox + water (x2)	Depth to Water Before Pump Installation (ft BMP): 40.99	Time: 0714	GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0849			24.72		9.05		3 220		2.95		61.1		14.17		300	41.95	100
0847			24.81		9.06		3 240		2.59		57.5		7.30		165	42.28	595
0850			24.80		9.07		3 240		2.41		55.4		4.34		165	42.40	1090
0853			24.73		9.08		3 250		2.35		52.7		3.65		180	42.55	1630
0856			24.50		9.08		3 240		2.31		50.9		3.44		180	42.76	2170
0859			24.89		9.10		3 240		2.31		48.9		3.72		180	42.78	4000

Sample ID: M-256-60-20171107 Duplicate ID: NA QA/QC Samples/ID: NA COC Time: 0903

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: (Y) N Field Filtered: (Y) N COC Number: ~~e403~~

Comments:

Signature(s): Charlie Cho

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

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LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Unit 4&5 Inv. 3rd Mob.	Task Manager: R Marrazzo		Task No: M02	Well ID: M-256-60	
Field Samplers: C. Chou			Recorded by: C. Chou	Date: 11/15/17	
Well Depth (ft BGS): 70.5	MP Distance AGS (ft): 0	Well Depth (ft BMP): 70	Screened/Open Interval Top: 60.02	(ft BGS) 60	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 69.76	(ft BGS) 70	(ft BMP)
Pump and Tubing Type: Sample Pro / LDPE Tubing		Pump Intake Depth: 65	(ft BGS) 65	(ft BMP) MP Description: TOC	
Equipment Decon. Method: Alconox + DI Water x2		Depth to Water Before Pump Installation (ft BMP): 39.0	Time: 1245	GW Disposal: GW-11 Pond	

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1249			26.09		9.03		3175		3.42		-20.4		9.87		205	40.76	200
1254			26.14		9.08		3191		1.65		-20.9		6.49		90	41.45	1000
1259			26.21		9.08		3197		1.62		-20.9		6.47		90	41.50	1900
1300			26.12		9.09		3194		1.62		-21.0		5.19		90	41.62	2000
1303			26.09		9.11		3188		1.68		-21.0		3.57		75	41.68	2100

Sample ID: M-256-60-20171115 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1305

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: U40S inject. 3rd mon	Task Manager: R Marrogum	Task No: 117-7502017	Well ID: m-256-60
Field Samplers: CMowery		Recorded by: CMowery	Date: 11/16/17
Well Depth (ft BGS): 70.5	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 60.02 (ft BGS) — (ft BMP)
Well Diameter (in): 2"	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 69.76 (ft BGS) — (ft BMP)
Pump and Tubing Type: Sample Pro / LDPE tubing	Pump Intake Depth: 65 (ft BGS) 64.5 (ft BMP)		MP Description: .5' below cap
Equipment Decon. Method: DI H_2O & alconox	Depth to Water Before Pump Installation (ft BMP): 40.35	Time: 1220	GW Disposal: GW-11 Punch

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity 1 ms/cm READ	Spec Conductivity CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen CHANGE*	Redox Potential ORP (mV) READ	Redox Potential CHANGE*	Turbidity (NTU) READ	Turbidity CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1236	X															40.1	
1240			26.6		9.64		3.27		4.37		-4		18.0		60	41.2	
			pruned for leak RA														
1247	X		25.7		9.21		3.20		3.75		10.0		20.8		180	41.3	
1252			25.7		9.19		3.20		3.28		5		17.6		240	42.3	
1255			25.5		9.20		3.19		3.24		3		12.12		120	42.5	1800
1257			25.8		9.22		3.19		3.23		2		10.30		120	42.6	
1259			25.8		9.21		3.19		3.22		2		9.15		120	42.65	
1300			25.9		9.21		3.19		3.19		1		10.3		120	42.80	
1302			25.8		9.21		3.19		3.16		1		10.0		120	43.00	3800

Sample ID: m-256-60-20171116 Duplicate ID: QA/QC Samples/ID: COC Time: 1305

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

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Unit 4&5 Inv. 3rd Mob. LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: SWF ~~Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~ K Marcquin	Task No: M02	Well ID: M-256-100
Field Samplers: C. Chou J. Souza		Recorded by: C. Chou	Date: 11/7/16
Well Depth (ft BGS): 110.5	MP Distance AGS (ft): — Well Depth (ft BMP): —	Screened/Open Interval Top: 100.24	(ft BGS) — (ft BMP)
Well Diameter (in): 2 in	PID/FID Readings Beneath Inner Cap (ppm cge akb): —	Screened/Open Interval Bottom: 109.98	(ft BGS) — (ft BMP)
Pump and Tubing Type: QED Sample Pro / LDPE Tubing	Pump Intake Depth: —	(ft BGS) 105 (ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox and Water x 2	Depth to Water Before Pump Installation (ft BMP): 47.12	Time:	GW Disposal: 1020

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1035			25.27		7.78		40145		6.50		-99.5		6.77		210	45.9	300
1038			25.48		7.79		40317		5.36		-104.2		3.35		210	48.75	1300
1041			25.66		7.79		40590		4.78		-108.6		4.16		180	47.30	2050
1044			25.80		7.80		40658		4.78		-106.4		3.17		180	47.99	2800
1047			25.85		7.80		40682		5.36		-108.3		3.11		180	48.40	3300
1051			25.97		7.80		40737		5.11		-107.0		2.90		120	48.68	3800
1054			25.95		7.81		40729		4.74		-105.9		2.02		120	48.68	4300

Sample ID: M-256-100-20171107 Duplicate ID: N/A QA/QC Samples/ID: N/A COC Time: 1057

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Chardel Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

Page 1 of 1

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Unit 4 dS Inv. - 3rd Mob.	Task Manager: R. Marroquin		Task No: M02		Well ID: M-256-100
Field Samplers: C. Chou, C. Mowbray			Recorded by: C. Chou		Date: 11/15/17
Well Depth (ft BGS): 110.5	MP Distance AGS (ft): 0	Well Depth (ft BMP): 110	Screened/Open Interval Top: 100.24	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 109.98	(ft BGS) —	(ft BMP)
Pump and Tubing Type: Sample Pro/LDPE Tubing		Pump Intake Depth: 105 (ft BGS)	105	(ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox + DI water x2		Depth to Water Before Pump Installation (ft BMP): 41.65	Time: 1405		GW Disposal: GW-11 POND

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1406			26.20		7.33		38373		4.60		-67.5		41.2		185	41.00	0
1410			25.97		7.33		38239		5.07		-31.2		39.4		180	42.03	1000
1414			25.99		7.32		38167		5.50		-16.5		26.2		90	42.80	1500
1418			25.97		7.33		38118		5.57		-9.6		26.1		90	42.71	2000
1421			25.96		7.33		38092		5.54		-6.7		22.3		90	42.78	2100
1424			25.94		7.32		38045		5.59		1.2		20.1		90	42.90	2200

Sample ID: M-256-100-20171115 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1425

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: GWS Invest. 3rd mob	Task Manager: R Marroquin		Task No: 117-7502.07	Well ID: M-256-100	
Field Samplers: CMowbray			Recorded by: CMowbray	Date: 11/16/17	
Well Depth (ft BGS): 110.5	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 100.24	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 109.98	(ft BGS) —	(ft BMP)
Pump and Tubing Type: Simple Pro QED / LDPE tubing		Pump Intake Depth: 105	(ft BGS) —	(ft BMP)	MP Description: TOC
Equipment Decon. Method: DI H2O & Alconox		Depth to Water Before Pump Installation (ft BMP): 42.0	Time: 1330		GW Disposal: GW-11 Pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity ms/cm READ	Spec Conductivity ms/cm CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1336	X															38.5	
1341			26.4		8.19		41.1		9.44		38		18.1		60	40.45	
1344			26.6		8.12		41.0		10.12		45		17.3		120	40.60	
1350			26.3		8.02		41.3		11.78		53		39.9		120	40.60	2400
1354			26.1		7.97		40.9		10.82		62		32.4		120	40.60	
1356			26.1		7.97		40.8		10.40		64		37.2		120	41.1	
1358			26.1		7.97		40.8		10.55		65		43.7		120	41.2	1000
1400			26.1		7.97		40.8		10.86		68		31.7		120	41.45	
1402			26.1		7.97		40.8		10.87		69		30.6		120	41.5	
1404			26.1		7.96		40.9		11.00		70		29.8		120	41.6	1400

Sample ID: M-256-100-20171116 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1406

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: U405_3rd mob.	Task Manager: R Merrogun	Task No: 117-7502017 m02	Well ID: M-251-60
Field Samplers: CMowery C Chou		Recorded by: CMowery	Date: 11/13/17
Well Depth (ft BGS): [redacted] 63'	MP Distance AGS (ft): —	Well Depth (ft BMP): 52'	Screened/Open Interval Top: 42.4 (ft BGS) 42' (ft BMP)
Well Diameter (in): 2"	PID/FID Readings Beneath Inner Cap (ppm cge akb):		Screened/Open Interval Bottom: 62.1 (ft BGS) 52' (ft BMP)
Pump and Tubing Type: QED Sample Pro / LDPE tubing	Pump Intake Depth: 55 (ft BGS) (ft BMP)		MP Description: TOC
Equipment Decon. Method: DI H2O + Alconox	Depth to Water Before Pump Installation (ft BMP): 34.9'	Time:	GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
744	X															34.0	
746			23.92		11.68		4591		5.94		59.6		25.7		300	34.9	
749			23.52		11.76		4154		4.87		-85.3		16.3		180	35.55	1500
752			23.97		11.77		4115		5.07		-91.3		12.19		210	36.15	
754			24.33		11.78		4115		4.65		-97.5		15.54		210	36.55	
757			24.34		11.79		4116		4.47		-99.5		23.5		120	36.95	3000
800			24.32		11.80		4092		4.23		-100.5		8.46		120	37.15	
803			24.35		11.81		4096		4.55		401.2		9.69		120	37.4	
805			24.37		1181		4096		4.40		-101.5		8.70		120	37.6	
808			24.32		1183		4094		4.37		-101.7		8.31		120	37.7	4250

Sample ID: M-251-60-20171113 Duplicate ID: — QA/QC Samples/ID: — COC Time: 812

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Unit 4&5 Inv., 3rd Mob	Task Manager: R. Marrongon		Task No: M02		Well ID: M-251-100
Field Samplers: C. Chou			Recorded by: C. Chou		Date: 11/14/17
Well Depth (ft BGS): 102.7	MP Distance AGS (ft): 0	Well Depth (ft BMP):	Screened/Open Interval Top: 92.5	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 102.7	(ft BGS) —	(ft BMP)
Pump and Tubing Type: LDPE Tubing/ Sampler Pro		Pump Intake Depth: 95	(ft BGS)	(ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox + DI water x 2		Depth to Water Before Pump Installation (ft BMP): 34.10	Time: 0700		GW Disposal: GW-11

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0712			22.90		7.64		36544		2.06		86.3		43.1		270	34.40	250
0716			23.74		7.83		37127		1.49		80.7		41.9		195	35.30	1000
0720			23.74		7.91		37387		1.40		77.3		34.0		195	36.00	2500
0723			23.88		7.97		37544		1.52		72.4		24.9		150	36.58	3000
0726			23.87		7.98		37510		1.54		72.0		16.0		150	36.80	3250
0729			23.87		7.99		37505		1.61		69.9		10.82		150	36.80	4000
0732			23.82		8.00		37498		1.56		68.2		7.40		150	37.05	4500
0735			23.89		8.00		37481		1.56		67.2		5.67		150	37.30	5000
0738			23.93		8.00		37500		1.55		66.9		4.69		150	37.51	5500

Sample ID: M-251-100-20171114 Duplicate ID: M-251-100-20171114-MSMSD QA/QC Samples/ID: — COC Time: 0740

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Units 485 Inv., 3rd Mob	Task Manager: R Marrequin		Task No: M02	Well ID: M-249-100	
Field Samplers: C Chou, C Mowbray			Recorded by: C. Chou	Date: 11/10/17	
Well Depth (ft BGS): 110.5	MP Distance AGS (ft): 0	Well Depth (ft BMP): 110	Screened/Open Interval Top: 99.65	(ft BGS) 100	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 109.4	(ft BGS) 110	(ft BMP)
Pump and Tubing Type: Sample Pro/LDPE Tubing		Pump Intake Depth: 105	(ft BGS) —	(ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox + DI H_2O x2		Depth to Water Before Pump Installation (ft BMP): 40.3	Time: 1200		GW Disposal: Pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1206			27.48		7.78		43907		3.31		-67.0		48.8		300	39.90	250
1209			27.16		7.79		43445		1.69		-72.5		43.9		300	39.95	1000
1212			27.04		7.78		42527		1.28		-87.0		36.1		300	41.0	2500
1214			27.61		7.78		42540		1.03		-106.7		34.1		150	41.45	2800
1216			27.61		7.79		43146		.99		-110.2		28.7		150	41.55	3100
1219			27.64		7.81		44067		.95		-112.2		32.7		150	41.75	3550
1221			27.58		7.84		44171		.90		-111.3		30.1		150	41.90	4050
1223			27.69		7.84		44251		.89		-110.0		29.8		150	42.00	5000

Sample ID: M-249-100-20171110 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1225

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Units 4 & 5 Inv., 3rd Mob	Task Manager: R. Marroquin		Task No: M02		Well ID: M-259-60
Field Samplers: C. Chou, C. Mowbray			Recorded by: C. Chou		Date: 11/13/17
Well Depth (ft BGS): 71.2	MP Distance AGS (ft): 0	Well Depth (ft BMP): 71.2	Screened/Open Interval Top: 61.1	(ft BGS)	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 70.8	(ft BGS)	(ft BMP)
Pump and Tubing Type: Sample Pro / LDPE Tubing		Pump Intake Depth: 65	(ft BGS) 65	(ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox & DI Water x2		Depth to Water Before Pump Installation (ft BMP): 42.0		Time: 0952	GW Disposal: GW-11

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1005			23.15		11.83		5445		13.53		-76.3		7.90		30	41.5	0
1010			23.66		11.82		4497		5.43		-82.3		6.16		50	42.20	300
1015			24.03		11.82		4542		4.79		-90.4		5.56		60	42.82	550
1020			24.45		11.82		4574		4.70		-93.5		4.20		60	43.00	800
1025			24.54		11.82		4579		4.67		-94.0		3.75		60	43.10	1200

Sample ID: M-259-60-20171113 Duplicate ID: N/A QA/QC Samples/ID: N/A COC Time: 1028

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

Unit 4 & 5 Inueshiyako-3rd Mob

NERT, Henderson, NV Project

Task Name: ~~SWF~~ Treatability ~~Study Baseline Event~~	Task Manager: ~~D Grady~~ Marroquin	Task No: M02	Well ID: m-259-100
Field Samplers: J.Souza, C.Mowbray		Recorded by: Jacob Souza	Date: 11/6/17
Well Depth (ft BGS): 110.7	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 100.6 (ft BGS) — (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 110.3 (ft BGS) — (ft BMP)
Pump and Tubing Type: QED Sample Pro / dual bonded	Pump Intake Depth: — (ft BGS)	105.45 (ft BMP)	MP Description: T.O.C.
Equipment Decon. Method: Alconox + water (x2)	Depth to Water Before Pump Installation (ft BMP):	46.92 Time: 0803	GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0820			25.13		8.77		1633		6.41		34.1		5.96		300	45.80	100
0825			25.26		8.77		1633		5.77		30.2		4.13		300	47.98	1600
0830			25.17		8.76		1629		5.67		30.4		3.82		180	48.45	2500
0835			25.29		8.76		1626		5.67		30.8		2.80		150	49.20	3250
0840			25.31		8.75		1636		5.63		30.6		2.65		150	49.21	4000
0843			25.33		8.75		1639		5.65		30.8		2.63		150	49.23	4450

Sample ID: m-259-100-20171106 Duplicate ID: NA QA/QC Samples/ID: NA COC Time: 0847

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Jacob Souza

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

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LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: NERT Unit 4+5 Investigation 3rd MW	Task Manager: Mark Quinn	Task No: M02-01	Well ID: M-259-100
Field Samplers: Mowbray + Chau		Recorded by: CMowbray	Date: 11/13/17
Well Depth (ft BGS): 110.8	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 100.6 (ft BGS) — (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 110.3 (ft BGS) — (ft BMP)
Pump and Tubing Type: QED Sample_Pro/dual bonded	Pump Intake Depth: —	(ft BGS) 105.45 (ft BMP)	MP Description: TOC
Equipment Decon. Method: Micronox + Water (x2)	Depth to Water Before Pump Installation (ft BMP): 42.45	Time: 1132	GW Disposal: GW-11 Pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1147	X		start pumping												~~225~~		~~225~~
1156			26.84		8.56		1993		2.48		13.2		5.31		225	42.75	0
1158			26.41		8.32		1992		1.57		26.4		4.67		195	43.4	390
1201			26.44		8.17		1996		1.19		34.3		4.60		195	44.30	975
1204			26.23		8.10		1988		1.05		38.3		5.70		135	44.90	1380
1208			26.35		8.06		1990		1.02		40.0		4.79		90	44.95	1750
1210			26.42		8.03		1994		1.04		41.6		5.03		90	45.15	2000
1215			26.42		8.00		1992		1.06		42.4		4.91		70	45.40	2270
1217			26.61		7.97		2000		1.07		44.0		4.71		25	45.5	2300
1220			26.70		7.95		2005		1.06		44.6		3.51		25	45.45	2400
1223			26.92		7.94		2008		1.10		45.1		2.85		25	45.45	2500
1225			26.98		7.93		2010		1.10		45.3		2.40		25	45.30	2600
1229																	3100

Sample ID: M-259-100-20171113 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1234

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:
Hex Chrome Sample

Signature(s): Charlie Chau

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

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LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

11/7/17

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~	Task No: M02	Well ID: M-247-60
Field Samplers: J. Souza / M. Hearn		Recorded by: M. Hearn	Date: 11/3/17
Well Depth (ft BGS): 60.7	MP Distance AGS (ft): — Well Depth (ft BMP): —	Screened/Open Interval Top: 50.6	(ft BGS) — (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb):	Screened/Open Interval Bottom: 60.3	(ft BGS) — (ft BMP)
Pump and Tubing Type: QED Sample Pro/dual bonded tubing	Pump Intake Depth:	(ft BGS) 55.45 T.o.C. ~~(ft BMP)~~	MP Description: BGS
Equipment Decon. Method: Alconox & water (x2)	Depth to Water Before Pump Installation (ft ~~BMP~~) T.o.C.: 34.93	Time: 0925	GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0934																	0.0
0940			24.69		11.84		3100		2.85		-85.5		9.96		300	35.05	~1.5L
0945			25.05		11.84		3162		2.24		-117.9		8.02		"	"	~3L
0950			25.08		11.85		3175		1.96		-133.1		7.88		"	"	~4.25L
0953			25.07		11.85		3177		1.83		-138.9		7.83		"	"	~5.25L
0956			25.17		11.86		3183		1.56		-146.6		6.74		"	"	6.25L
1000			25.19		11.86		3188		1.34		-152.2		4.34		"	"	7.5L
1003			25.10		11.85		3181		1.11		-158.2		3.16		"	"	8.5L
1006			25.09		11.85		3175		1.09		-161.1		3.01		"	"	9.5L
1009			25.00		11.86		3160		0.99		-169.1		2.81		"	"	10.5L

Sample ID: M-247-60-20171103 Duplicate ID: NA QA/QC Samples/ID: NA COC Time: 1015

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: (Y) N Field Filtered: (Y) N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Unit 4 & 5 Inv. 3rd Mob	Task Manager: R. Marroquin		Task No: M02		Well ID: M-247-60
Field Samplers: C. Chou, C. Mowbray			Recorded by: C. Chou		Date: 11/15/17
Well Depth (ft BGS): 71.9	MP Distance AGS (ft): 0	Well Depth (ft BMP): 70	Screened/Open Interval Top: 60.6	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 70.3	(ft BGS) —	(ft BMP)
Pump and Tubing Type: Sample PRO/LDPE Tubing		Pump Intake Depth: 65	(ft BGS) —	(ft BMP)	MP Description: TOC
Equipment Decon. Method: ALCONOX + DI. H_2O x2		Depth to Water Before Pump Installation (ft BMP): 34.10	Time 1140		GW Disposal: GW-11 Pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1126			25.82		11.33		2877		4.78		-159.8		1.75		210	34.68	500
1131			25.85		11.36		2914		4.57		-164.8		1.51		210	35.20	1500
1134			25.84		11.38		2921		4.26		-171.0		1.66		210	35.39	2000
1137			25.87		11.39		2940		3.89		-179.1		0.67		210	35.51	2500
1140			25.86		11.40		2948		3.60		-182.1		0.99		210	35.60	3000

Sample ID: M-247-60-20171115 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1141

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

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Unit 4&5 Investigation 3rd qtr

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~ Mariaguia	Task No: ~~M11~~ M02	Well ID: M-247-100
Field Samplers: J. Souza + M. Hearn		Recorded by: M. Hearn	Date: 11/3/17
Well Depth (ft BGS): 110.7	MP Distance AGS (ft):	Well Depth (ft BMP):	Screened/Open Interval Top: 100.6 (ft BGS) (ft BMP)
Well Diameter (in):	PID/FID Readings Beneath Inner Cap (ppm cge akb):		Screened/Open Interval Bottom: 110.3 (ft BGS) (ft BMP)
Pump and Tubing Type: QED Sample Pro/Dual tubing		Pump Intake Depth: 105 (ft BGS) (ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox + H2O (x2)		Depth to Water Before Pump Installation (ft BMP): 39.11 Time: 1208	GW Disposal:

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1220																	0.0
1225			25.73		9.30		1406		5.92		-74.3		1.67		320	39.05	1.75L
1230			25.67		8.51		1329		5.50		-42.5		2.72		"	"	2.75L
1235			25.87		8.31		1327		5.51		-26.8		0.89		"	"	4.5L
1238			25.87		8.24		1328		5.14		-19.0		0.39		"	"	5.75L
1241			25.82		8.21		1335		5.36		-13.0		0.30		300	"	6.5L
1244			25.83		8.18		1334		5.13		-11.9		0.52		"	"	7.8L
1247			25.72		8.15		1332		4.97		-3.7		0.14		"	"	8.5L
1250			25.74		8.13		1333		4.85		-1.9		1.28		"	"	9.5L
1253			25.78		8.12		1333		4.64		0.1		0.85		"	"	10.25L

Sample ID: M-247-100-20171103 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1300

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Unit 4 & 5 Inv. 3rd Mob	Task Manager: R. Marrouin		Task No: M02		Well ID: M-247-100
Field Samplers: C. Chou, C. Mowbray			Recorded by: C. Chou		Date: 11/15/17
Well Depth (ft BGS): 111.0	MP Distance AGS (ft): 0	Well Depth (ft BMP):	Screened/Open Interval Top: 100.10	(ft BGS)	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb):		Screened/Open Interval Bottom: 110.3	(ft BGS)	(ft BMP)
Pump and Tubing Type: Sample Pro / LD PE Tubing		Pump Intake Depth: 105	(ft BGS) 105	(ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox + DI H_2O x2		Depth to Water Before Pump Installation (ft BMP): 34.62	Time: 1026		GW Disposal: Gw-11 Pad

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1030			24.20		7.86		1337		3.34		49.3		2.15		300	34.00	0
1035			24.45		7.84		1292		2.11		50.3		1.44		240	34.50	900
1038			24.62		7.83		1280		1.55		50.9		0.71		105	34.65	1000
1041			24.87		7.83		1271		1.31		50.4		0.65		90	35.00	1200
1044			24.93		7.83		1268		1.23		50.2		0.22		90	35.44	1900
1047			25.20		7.83		1261		1.04		50.0		0.23		90	35.95	2000
1050			25.48		7.82		1250		0.97		49.5		0.75		90	36.50	2500
1053			25.48		7.82		1247		0.93		49.5		0.67		~~90~~ 75	36.65	2900
1056			25.40		7.82		1243		0.89		48.7		0.32		75	36.84	3000

Sample ID: M-247-100-20171115 **Duplicate ID:** — **QA/QC Samples/ID:** — **COC Time:** 1058

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N | Field Filtered: Y N | COC Number:

Comments:

Signature(s): Chou C

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: U405 3rd Mob.	Task Manager: R. Marroquin		Task No: M02	Well ID: M-257-	
Field Samplers: J. Souza, K. Lew			Recorded by: J. Souza	Date: 11/14/17	
Well Depth (ft BGS): 150.5	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 140.4	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 150.1	(ft BGS) —	(ft BMP)
Pump and Tubing Type: QED Sample Pro / LDPE tubing		Pump Intake Depth: — (ft BGS)		(ft BMP)	MP Description: T.O.C.
Equipment Decon. Method: Alconox & water (x2)		Depth to Water Before Pump Installation (ft BMP): 47.62	Time: 1150		GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1218			26.43		8.94		1061		2.43		-3.5		20.5		210	44.17	1070
1223			26.33		8.87		1053		1.97		-1.1		22.8		210	45.29	1120
1228			26.15		8.95		1052		1.91		-1.1		16.19		180	46.14	2020
1231			26.28		9.01		1055		1.81		-1.2		11.83		180	46.70	2560
1234			26.25		9.03		1056		1.81		-1.1		11.79		120	47.89	2920
1237			26.31		9.05		1057		1.82		-0.6		11.71		120	47.20	3280
1240			26.31		9.05		1056		1.81		-0.6		11.89		120	47.52	3640
1243			26.32		9.05		1053		1.82		0.4		11.91		120	47.64	3760
1246			26.32		9.05		1053		1.82		1.0		11.92		120	47.78	3880

Sample ID: M-257-20171114 Duplicate ID: M-257-20171114-DUP QA/QC Samples/ID: N-A COC Time: 1250

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG = Amber Glass; CG = Clear Glass; PE = polyethylene; O = Other (Specify)

Field Decontamination: (Y) N Field Filtered: (Y) N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: U405 2nd Invest | Task Manager: R. Marrogwn | Task No: M02 | Well ID: M-254

Field Samplers: K. Lew; J. Souza; C. Chou | Recorded by: K. Lew | Date: 11/16/17

Well Depth (ft BGS): 148.4 | MP Distance AGS (ft): — | Well Depth (ft BMP): — | Screened/Open Interval Top: 138.5 (ft BGS) — (ft BMP)

Well Diameter (in): 2 | PID/FID Readings Beneath Inner Cap (ppm cge akb): — | Screened/Open Interval Bottom: 148.3 (ft BGS) — (ft BMP)

Pump and Tubing Type: QED Sample Pro / LDPE tubing | Pump Intake Depth: — (ft BGS) 143.4 (ft BMP) | MP Description: T.O.C.

Equipment Decon. Method: Alconox + water (x2) | Depth to Water Before Pump Installation (ft BMP): [redacted] 31.23 Time: 1342 | GW Disposal: GW-II pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1350	X		27.4		9.54		1.041		5.52		88.1		184.2		140	32.80	0
1355	X		27.3		9.13		1.038		5.15		102.9		104.1		120	33.40	
1400	X		27.6		9.05		1.037		5.00		110.8		88.8		60	33.91	
1405	X		27.6		9.03		1.038		4.92		118.4		88.7		40	[redacted] 34.40	
1408	X		27.6		9.02		1.037		4.90		121.3		86.9		40	34.46	
1411	X		27.7		9.00		1.036		4.87		123.9		86.6		40	34.61	

Sample ID: M-254-20171116 | Duplicate ID: M-254-20171116-MS/MSD | QA/QC Samples/ID: NA | COC Time: 1420

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: (Y) N | Field Filtered: Y (N) | COC Number:

Comments:

Signature(s): [signature]

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

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LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Unit 4 & 5 Invest, 3rd Mob.	Task Manager: R. Marroquin	Task No: 17702	Well ID: M-248		
Field Samplers: K. Law, C. Chau		Recorded by: K. Law	Date: 11/7/17		
Well Depth (ft BGS): 150.7	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 140.5	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb):		Screened/Open Interval Bottom: 150.2	(ft BGS) —	(ft BMP)
Pump and Tubing Type: QED Sample Pro/LDPE		Pump Intake Depth: 147	(ft BGS) — (ft BMP)	MP Description: —	
Equipment Decon. Method: DI H2O & Alconox (2x)		Depth to Water Before Pump Installation (ft BMP): 32.46	Time: 0710	GW Disposal: —	

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0715	X		24.4		6.39		1.000		7.36		234.6		182.9		160	31.31	
0720	X		24.4		6.42		0.976		6.31		206.6		542.1		120	32.29	
0725	X		24.3		8.06		0.968		6.54		199.5		774.6		100	33.08	
0730	X		24.0		8.16		0.962		5.91		198.1		877.3		80	37.61	
0735	X		24.1		8.19		0.964		6.21		197.9		5.901		80	34.09	
0740	X		23.8		8.25		0.977		7.72		198.4		76.1		40	34.39	
0743	X		23.3		8.29		0.981		7.35		199.4		128.7		40	34.49	
0746	X		23.0		8.29		0.977		7.64		200.2		106.7		40	34.62	
0749	X		22.9		8.28		0.977		7.12		201.0		79.8		40	34.88	
0752	X		23.1		8.28		0.972		7.81		201.3		466		40	34.98	
0755	X		23.2		8.28		0.971		7.31		201.7		76.3		40	35.06	
0758	X		23.2		8.29		0.969		7.27		202.4		88.5		40	35.17	
0761	X		23.3		8.30		0.971		7.16		203.1		87.3		40	35.28	
0764	X		23.2		8.30		0.969		7.05		203.7		91.2		40	35.35	

Sample ID: M-248-20171117 Duplicate ID: — QA/QC Samples/ID: — COC Time: 0815

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Kim Law

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: Unit 4 & 5 Invest. 3rd Mob	Task Manager: R. Marroquin		Task No: 17102		Well ID: M-250
Field Samplers: K. Low, C. Chou			Recorded by: K. Low		Date: 11/17/17
Well Depth (ft BGS): 149.6	MP Distance AGS (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 139.5	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 149.2	(ft BGS) —	(ft BMP)
Pump and Tubing Type: QED Sample Pro/LDPE		Pump Intake Depth: 146	(ft BGS) —	(ft BMP)	MP Description: —
Equipment Decon. Method: DI H2O & Alconox (2x)		Depth to Water Before Pump Installation (ft BMP): 34.78	Time: 1033		GW Disposal: —

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1040	X		25.9		9.43		1.110		6.51		134.0		26.4		100	36.83	
1045	X		26.0		9.18		1.098		5.72		142.9		16.3.2		100	37.09	
1050	X		25.9		9.10		1.096		5.12		149.4		113.3		80	37.21	
1055	X		25.8		8.99		1.093		4.94		154.1		85.1		40	37.29	
1100	X		25.5		8.86		1.092		4.90		158.2		83.4		40	37.39	
1105	X		25.7		8.83		1.092		4.89		160.6		57.9		40	37.43	
1110	X		26.0		8.82		1.092		4.86		162.3		54.1		40	37.55	
1115	X		26.3		8.84		1.093		4.82		163.7		53.6		40	37.68	

Sample ID: M-250-20171117 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1125

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Kevin Low

INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

for pH: ± 3% for Specific Conductivity and Temperature: ± 10 mv for Redox Potential: ± 10% for Dissolved Oxygen and Turbidity

Below Ground Surface
low Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

117-7502017-M02 M02-01

TETRA TECH

Page 1 of 1

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: U405 3rd mob. | Task Manager: R. Marroquin | Task No: 117-7502017-M02.M02 | Well ID: M-254

Field Samplers: K. Lee, J. Souza | Recorded by: K. Lee | Date: 11/15/17

Well Depth (ft BGS): 148.7 | MP Distance AGS (ft): — | Well Depth (ft BMP): — | Screened/Open Interval Top: 138.5 (ft BGS) — (ft BMP)

Well Diameter (in): 2 in | PID/FID Readings Beneath Inner Cap (ppm cge akb): | Screened/Open Interval Bottom: 148.3 (ft BGS) — (ft BMP)

Pump and Tubing Type: QED Sample Pro/LDPE tubing | Pump Intake Depth: 143.40 (ft BGS) (ft BMP) | MP Description: T.O.C.

Equipment Decon. Method: DI water and Alconox (x2) | Depth to Water Before Pump Installation (ft BMP): 32.34 Time: 0739 | GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0935	X		25.6		9.76		0.945		6.18		48.7		86.7		160	37.41	
0940	X		25.7		9.75		0947		5.24		73.7		66.2		160	38.39	800
0945	X		25.5		9.79		0947		5.02		92.0		69.1		80	39.20	1600
0950	X		25.4		9.82		0.947		4.97		102.9		78.7		80	39.44	2000
0955	X		25.5		9.85		0.947		4.94		112		118.3		80	39.83	2400
1000	X		25.4		9.91		0.946		4.94		118.1		139.1		80	40.11	2800
1005	X		24.6		10.09		0947		4.97		125.4		178.3		60	40.09	3200
1010	X		24.8		10.03		0.941		4.95		127.5		195.0		60	40.16	3500
1015	X		25.2		10.03		0.942		4.93		130.4		171.1		60	40.29	3800

Sample ID: M-254-20171115 | Duplicate ID: NA | QA/QC Samples/ID: M-254-20171115-MSMSD | COC Time: 1020

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: (Y) N | Field Filtered: (Y) N | COC Number:

Comments:

Signature(s): Kim Lee

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

Unit 4&5 Inv. 3rd

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~ R. Marovich	Task No: M03	Well ID: M-253-100
Field Samplers: C. Chou		Recorded by: C. Chou	Date: 11/8/17
Well Depth (ft BGS): 111.0	MP Distance AGS (ft): 0	Well Depth (ft BMP): 111.0	Screened/Open Interval Top: 100.9 (ft BGS) — (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 110.6 (ft BGS) — (ft BMP)
Pump and Tubing Type: Sample PRO / LDPE Tubing		Pump Intake Depth: 105.75 (ft BGS) — (ft BMP)	MP Description: TOC
Equipment Decon. Method: Alconox & H_2O x2		Depth to Water Before Pump Installation (ft BMP): 35.76 Time: 0740	GW Disposal: GW-11

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1020			27.40		7.99		4460		3.53		-2.3		11.62		180	37.42	0
1025			27.39		8.00		4463		3.39		-1.2		9.92		180	37.75	1000
1030			26.95		8.01		4418		2.94		0.8		9.35		180	37.96	2000
1034			26.77		8.01		4401		2.74		3.3		8.30		180	39.70	3000
1038			27.07		8.01		4421		2.68		7.2		7.58		120	40.31	3750

Sample ID: M-253-100-20171108 Duplicate ID: N/A QA/QC Samples/ID: N/A COC Time: 1041

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N | Field Filtered: Y N | COC Number: ~~4~~

Comments:

Signature(s): Charlie Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

Unit 485 Investigation 3rd MDB

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~Perk MOZ~~	Task Manager: ~~James Walker~~ Marroquin	Task No: 117-7502017 MOZ	Well ID: M-253-100
Field Samplers: C. Chou Cmowbray		Recorded by: Cmowbray	Date: 11/15/17
Well Depth (ft BGS): 111.5	MP Distance AGS (ft): 0	Well Depth (ft BMP):	Screened/Open Interval Top: 100.9 (ft BGS) — (ft BMP)
Well Diameter (in): 2"	PID/FID Readings Beneath Inner Cap (ppm cge akb): 111.5		Screened/Open Interval Bottom: 110.6 (ft BGS) — (ft BMP)
Pump and Tubing Type: QED Sample Pro / LDPE Tubing	Pump Intake Depth: 105 (ft BGS)	(ft BMP)	MP Description:
Equipment Decon. Method: DI H_2O & Alconox	Depth to Water Before Pump Installation (ft BMP): 36.65	Time: 745	GW Disposal: Con-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
750	X		started purging														
754			21.57		8.07		3630		2.34		16.1		41.11		240	36.1	
756			23.34		7.89		3845		1.36		18.6		3.51		90	36.55	
759			23.10		7.85		3852		1.28		20.7		3.24		75	36.80	
801			22.91		7.79		3837		1.35		21.4		3.77		75	37.15	1000
803			23.91		7.74		3860		1.22		22.4		2.44		75	37.30	
805			23.15		7.71		3865		1.22		22.8		2.46		75	37.50	
807			23.24		7.69		38.73		1.30		23.0		2.31		75	37.70	1800
808			23.28		7.67		3880		1.26		23.4		2.96		75	37.9	2000

Sample ID: M-253-100-217 1115 **Duplicate ID:** — **QA/QC Samples/ID:** — **COC Time:** 811

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Hex Chrome

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH Unit 4 & 5 Inv., 3rd Mob

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D. Grady~~ R Marrquin	Task No: M02	Well ID: M-253-60
Field Samplers: C. Chou, J Souza		Recorded by: C. Chou	Date: 11/7/17
Well Depth (ft BGS): 70.9	MP Distance AGS (ft): 0	Well Depth (ft BMP): 70.9	Screened/Open Interval Top: 60.8 (ft BGS) (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 70.5 (ft BGS) — (ft BMP)
Pump and Tubing Type: ↑ Alconox & Water x 2		Pump Intake Depth: 65.6 (ft BGS) — (ft BMP)	MP Description: TOC
Equipment Decon. Method: ↓ Sample pro & LDPE Tubing		Depth to Water Before Pump Installation (ft BMP): 35.91 Time: 1345	GW Disposal: GW-17

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1418			27.21		10.12		3565		3.39		-30.5		7.18		120	36.43	~~750~~
1421			26.98		10.24		3030		2.39		-39.9		6.99		180	36.60	1000
1424			26.74		10.28		2764		2.01		-45.5		5.79		180	36.65	1750
1427			26.66		10.27		2657		1.76		-49.3		4.27		180	36.69	2000
1430			26.61		10.28		2619		1.52		-52.3		4.31		180	36.69	2950
1434			26.57		10.26		2576		1.34		-59.0		3.34		180	36.68	4000
1437			26.51		10.21		2566		1.30		-61.1		2.90		180	36.65	~~4~~ 5000
1440			26.49		10.18		2556		1.28		-61.7		2.76		180	36.60	5000

Sample ID: M-253-60-20171107 Duplicate ID: N/A QA/QC Samples/ID: N/A COC Time: 1443

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Charlie Chou

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~150-117~~ Units 485 Inv. 3rd Mon	Task Manager: R. Marrujo		Task No: M02	Well ID: M-258	
Field Samplers: C. Chou, C. Mowbray			Recorded by: C. Chou	Date: 11/10/17	
Well Depth (ft BGS): 150.1	MP Distance AGS (ft): 0	Well Depth (ft BMP): —	Screened/Open Interval Top: 140.0	(ft BGS) —	(ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb): —		Screened/Open Interval Bottom: 149.7	(ft BGS) —	(ft BMP)
Pump and Tubing Type: Sample Pro / LDPE Tubing		Pump Intake Depth: 144.85 (ft BGS)	144.85	(ft BMP)	MP Description: T.O.C.
Equipment Decon. Method: ALconox & H_2O x2		Depth to Water Before Pump Installation (ft BMP): 42.61	Time: 0725		GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
0726			24.24		8.89		1026		4.26		104.2		41.00		120	42.64	2000
0728			24.31		8.91		1025		3.96		100.2		~~43.40~~ 27.70		240	43.90	2500
0732			23.93		8.92		1015		3.82		94.5		15.10		240	46.00	4250
0735			23.92		8.92		1015		3.60		91.3		10.24		180	47.00	4900
0738			23.70		8.92		1010		3.51		89.0		8.62		180	~~48.01~~	5500
0741			23.67		8.92		1009		3.47		86.9		7.16		180	48.49	6000
0744			23.67		8.93		1008		3.44		85.5		6.02		180	48.70	6250

Sample ID: M-258-20171110 Duplicate ID: N/A QA/QC Samples/ID: N/A COC Time: 0745

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s): Chou Bailey

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface
BMP - Below Measuring Point
C - Centigrade
COC - Chain of Custody
GS - Ground Surface
ID - Identification
mg/L - milligram/Liter
mV - milli Volts
min - Minute
ml - milliliter
MP - Measuring Point
NTU - Nephelometric Units
QA - Quality Assurance
QC - Quality Control

TETRA TECH

Unit 4 & 5 Investigation Study Area

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~SWF Treatability Study Baseline Event~~	Task Manager: ~~D Grady~~ Mowbray	Task No: M02	Well ID: M-258
Field Samplers: J. Souza, C. Mowbray		Recorded by: C. Mowbray	Date: 11/6/17
Well Depth (ft BGS): 150.1	MP Distance ~~AGS~~ (ft): —	Well Depth (ft BMP): —	Screened/Open Interval Top: 140.0 (ft BGS) — (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb):		Screened/Open Interval Bottom: 149.7 (ft BGS) — (ft BMP)
Pump and Tubing Type: QED Sample Pro / LDPE tubing	Pump Intake Depth: —	(ft BGS) 144.85 (ft BMP)	MP Description: T.O.C.
Equipment Decon. Method: Alconox + water (x2)	Depth to Water Before Pump Installation (ft BMP): 51.82	Time: 1048	GW Disposal: GW-11 pond

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
1119																	
1205			27.83		8.82		1097		70.3		8.9		25.5		90	46.15	540
				replaced O-rings & bladder													—
1307			26.74		8.70		1007		7.12		25.2		23.2		110	44.03	540
1312			26.28		8.76		1009		~~7.29~~ 4.38		23.3		35.9		110	44.8	1090
1317			26.01		8.80		1037		~~6.32~~ 4.36		24.2		42.6		110	45.2	1640
~~1322~~																	
1322			25.85		8.83		1048		~~5.60~~ 4.33		22.0		~~57.9~~		110	46.08	2190
1324			25.94		8.84		1050		~~5.47~~ 4.32		23.1		45.8		110	46.1	2410
1327			25.98		8.84		1052		4.30		23.3		45.1		110	46.24	2740

Sample ID: M-258-20171106 Duplicate ID: — QA/QC Samples/ID: — COC Time: 1333

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments:

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

TETRA TECH

Unit 4+5 Investigation 3rd mod

LOW FLOW GROUNDWATER SAMPLING LOG

NERT, Henderson, NV Project

Task Name: ~~Perch MW2~~	Task Manager: ~~James Walker~~ Morrison	Task No: 117502017 m02	Well ID: M-253-60
Field Samplers: Charlie Chou Christine Mowbray		Recorded by: CMowbray	Date: 11/15/17
Well Depth (ft BGS): 71	MP Distance AGS (ft): x	Well Depth (ft BMP): 59.5	Screened/Open Interval Top: 160.8 (ft BGS) (ft BMP)
Well Diameter (in): 2	PID/FID Readings Beneath Inner Cap (ppm cge akb):		Screened/Open Interval Bottom: 70.5 (ft BGS) (ft BMP)
Pump and Tubing Type: QED Sample Pro + LDPE tubing	Pump Intake Depth: 65 (ft BGS) (ft BMP)		MP Description: top of casing
Equipment Decon. Method: DI H_2O + Alconox	Depth to Water Before Pump Installation (ft BMP): 36.1	Time: 700	GW Disposal: GW-11 Purge

Time	PURGING	SAMPLING	Temp. (°C) READ	Temp. (°C) CHANGE*	pH (pH Units) READ	pH (pH Units) CHANGE*	Spec Conductivity (uS/cm) READ	Spec Conductivity (uS/cm) CHANGE*	Dissolved Oxygen DO (mg/L) READ	Dissolved Oxygen DO (mg/L) CHANGE*	Redox Potential ORP (mV) READ	Redox Potential ORP (mV) CHANGE*	Turbidity (NTU) READ	Turbidity (NTU) CHANGE*	Purge Rate (ml/min)	Depth to Water (ft BMP)	Cum. Vol. Purged (ml)
702			started purging												300	35.5	
707			22.95		9.56		2180		2.10		-49.0		8.64		240	36.65	
710			23.49		9.69		2203		1.58		-55.0		6.03		240	36.70	1000
711			23.87		9.73		2230		1.20		-64.8		4.20		240	36.75	
713			23.96		9.73		2235		1.06		-68.7		3.10		240	36.75	
715			24.37		9.66		2269		0.88		-75.6		3.39		240	36.8	2800
718			24.50		9.61		2286		0.81		-78.3		1.85		240	36.8	
720			24.57		9.56		2300		0.77		-80.5		1.44		240	36.8	
723			24.60		9.51		2316		0.71		-81.3		1.61		240	36.8	
724			24.54		9.49		2321		0.69		-80.6		1.10		240	36.8	4800

Sample ID: M-253-60-20171115 Duplicate ID: QA/QC Samples/ID: COC Time: 726

Sample Container Number	Material Code	Volume	Preservative	Intended Analysis and/or Method
1		250mL	—	Hex Chrome

Material Codes: VOA = 40 ml glass vial; AG =Amber Glass; CG =Clear Glass; PE=polyethylene; O=Other (Specify)

Field Decontamination: Y N Field Filtered: Y N COC Number:

Comments: Hex Chrome sample

Signature(s):

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:

± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; ± 10% for Dissolved Oxygen and Turbidity

BGS - Below Ground Surface; BMP - Below Measuring Point; C - Centigrade; COC - Chain of Custody; GS - Ground Surface; ID - Identification; mg/L - milligram/Liter; mV - milli Volts; min - Minute; ml - milliliter; MP - Measuring Point; NTU - Nephelometric Units; QA - Quality Assurance; QC - Quality Control

Appendix F
Analytical Summary Tables

Borehole U4U5-1 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/kg	0.0155	0.31	--	--	**0.047**	**0.057**	**0.026 J**	ND(0.012)	ND(0.011)	**0.27**	**0.23**	**8.6**	**7.7**	NA	**2.4**	**3.0**	**2.1**	**2.1**	**8.5**
Ammonia (as N)	mg/kg	--	--	--	--	ND(2.3)	ND(2.2)	ND(2.3)	ND(2.4)	ND(2.4)	ND(2.2)	ND(2.2)	ND(2.3)	ND(2.9)	NA	ND(2.4)	ND(3.3)	ND(3.2)	ND(2.9)	ND(3.1)
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.17)	**0.28 J**	NA	ND(0.18)	ND(0.25)	ND(0.24)	ND(0.22)	ND(0.23)
Chromium	mg/kg	--	--	--	--	**23**	**16**	**15**	**12**	**15**	**14**	**14**	**49**	**58**	NA	**48**	**49**	**57**	**46**	**67**
Percent Moisture	%	--	--	--	--	**14**	**9.6**	**13**	**18**	**16**	**8.6**	**10**	**11**	**31**	NA	**15**	**39**	**37**	**32**	**35**
VOCs																				
1,1,1,2-Tetrachloroethane	µg/kg	--	--	0.22	4.4	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,1,1-Trichloroethane	µg/kg	100	2,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,1,2,2-Tetrachloroethane	µg/kg	0.2	4	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,1,2-Trichloroethane	µg/kg	0.9	18	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,1-Dichloroethane	µg/kg	1,000	20,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,1-Dichloroethene	µg/kg	3	60	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,1-Dichloropropene	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2,3-Trichlorobenzene	µg/kg	--	--	21	420	ND(0.88)	**1.1 J**	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2,3-Trichloropropane	µg/kg	--	--	0.00032	0.0064	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2,4-Trichlorobenzene	µg/kg	300	6,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2,4-Trimethylbenzene	µg/kg	--	--	81	1,620	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2-Dibromo-3-Chloropropane	µg/kg	--	--	0.00014	0.0028	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.1)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.8)	ND(3.5)	ND(2.3)	ND(2.5)	ND(4.1)	ND(2.9)	ND(2.4)	ND(2.7) H
1,2-Dibromoethane (EDB)	µg/kg	--	--	0.0021	0.042	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2-Dichlorobenzene	µg/kg	900	18,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2-Dichloroethane	µg/kg	1	20	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,2-Dichloropropane	µg/kg	1	20	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,3,5-Trimethylbenzene	µg/kg	--	--	87	1,740	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,3-Dichlorobenzene	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,3-Dichloropropane	µg/kg	1	20	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
1,4-Dichlorobenzene	µg/kg	100	2,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
2,2-Dichloropropane	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
2-Butanone (MEK)	µg/kg	--	--	1,200	24,000	ND(4.4)	ND(4.9)	ND(4.8)	ND(5.2)	ND(5.0)	ND(4.8)	ND(4.7)	ND(4.4)	ND(8.8)	ND(5.7)	ND(6.2)	ND(10)	ND(7.3)	ND(6.0)	ND(6.8) H
2-Chlorotoluene	µg/kg	--	--	230	4600	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
2-Hexanone	µg/kg	--	--	8.8	176.0	ND(4.4)	ND(4.9)	ND(4.8)	ND(5.2)	ND(5.0)	ND(4.8)	ND(4.7)	ND(4.4)	ND(8.8)	ND(5.7)	ND(6.2)	ND(10)	ND(7.3)	ND(6.0)	ND(6.8) H
4-Chlorotoluene	µg/kg	--	--	240	4800	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
4-Methyl-2-pentanone (MIBK)	µg/kg	--	--	1,400	28,000	ND(2.2)	ND(2.5)	ND(2.4)	ND(2.6)	ND(2.5)	ND(2.4)	ND(2.4)	ND(2.2)	ND(4.4)	ND(2.8)	ND(3.1)	ND(5.2)	ND(3.6)	ND(3.0)	ND(3.4) H
Acetone	µg/kg	800	16,000	--	--	ND(7.0)	ND(7.8)	ND(7.7)	ND(8.3)	ND(8.0)	**7.7 J**	ND(7.6)	ND(7.1)	ND(14)	ND(9.1) *	**19 J**	ND(17)	ND(12)	ND(9.6)	ND(11) H
Benzene	µg/kg	2	40	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Bromobenzene	µg/kg	--	--	420	8,400	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Bromochloromethane	µg/kg	--	--	21	420	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Bromodichloromethane	µg/kg	30	600	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Bromoform	µg/kg	40	800	--	--	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.1)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.8)	ND(3.5)	ND(2.3)	ND(2.5)	ND(4.1)	ND(2.9)	ND(2.4)	ND(2.7) H
Bromomethane	µg/kg	10	200	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Carbon tetrachloride	µg/kg	3	60	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Chlorobenzene	µg/kg	70	1,400	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Chloroethane	µg/kg	--	--	5,900	118,000	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.1)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.8)	ND(3.5)	ND(2.3)	ND(2.5)	ND(4.1)	ND(2.9)	ND(2.4)	ND(2.7) H
Chloroform	µg/kg	30	600	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	**1.8 J**	ND(0.89)	**6.7**	**2.4**	**4.5**	**33**	**71**	**42**	**14 H**
Chloromethane	µg/kg	--	--	49	980	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
cis-1,2-Dichloroethene	µg/kg	20	400	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
cis-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Dibromochloromethane	µg/kg	20	400	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Dibromomethane	µg/kg	--	--	2.1	42.0	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Dichlorodifluoromethane	µg/kg	--	--	300	6,000	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.1)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.8)	ND(3.5)	ND(2.3)	ND(2.5)	ND(4.1)	ND(2.9)	ND(2.4)	ND(2.7) H
Ethylbenzene	µg/kg	700	14,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Ethyl-t-butyl ether (ETBE)	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Hexachlorobutadiene	µg/kg	100	2,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Isopropyl Ether (DIPE)	µg/kg	--	--	370	7400	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Isopropylbenzene	µg/kg	--	--	740	14,800	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
m,p-Xylene	µg/kg	10,000[d]	200,000[e]	--	--	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.1)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.8)	ND(3.5)	ND(2.3)	ND(2.5)	ND(4.1)	ND(2.9)	ND(2.4)	ND(2.7) H
Methylene Chloride	µg/kg	1	20	--	--	ND(4.4)	ND(4.9)	ND(4.8)	ND(5.2)	ND(5.0)	ND(4.8)	ND(4.7)	ND(4.4)	ND(8.8)	ND(5.7)	ND(6.2)	ND(10)	ND(7.3)	ND(6.0)	ND(6.8) H
Methyl-t-Butyl Ether (MTBE)	µg/kg	--	--	3.2	64	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Naphthalene	µg/kg	4,000	80,000	--	--	ND(1.8)	**2.6 J**	ND(1.9)	ND(2.1)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.8)	ND(3.5)	ND(2.3)	ND(2.5)	ND(4.1)	ND(2.9)	ND(2.4)	ND(2.7) H
n-Butylbenzene	µg/kg	--	--	3,200	64,000	ND(0.88)	**1.2 J**	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
n-Propylbenzene	µg/kg	--	--	1,200	24,000	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
o-Xylene	µg/kg	9,000	180,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
p-Isopropyltoluene	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
sec-Butylbenzene	µg/kg	--	--	5,900	118,000	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Styrene	µg/kg	200	4,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Tert-amyl-methyl ether (TAME)	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
tert-Butyl alcohol (TBA)	µg/kg	--	--	--	--	ND(8.8)	ND(9.8)	ND(9.6)	ND(10)	ND(10)	ND(9.5)	ND(9.5)	ND(8.9)	ND(18)	ND(11)	ND(12)	ND(21)	ND(15)	ND(12)	ND(14) H

Borehole U4U5-1 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
tert-Butylbenzene	µg/kg	--	--	1,600	32,000	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Tetrachloroethene	µg/kg	3	60	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Toluene	µg/kg	600	12,000	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
trans-1,2-Dichloroethene	µg/kg	30	600	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
trans-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Trichloroethene	µg/kg	3	60	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Trichlorofluoromethane	µg/kg	--	--	3,300	66,000	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Vinyl chloride	µg/kg	0.7	14	--	--	ND(0.88)	ND(0.98)	ND(0.96)	ND(1.0)	ND(1.0)	ND(0.95)	ND(0.95)	ND(0.89)	ND(1.8)	ND(1.1)	ND(1.2)	ND(2.1)	ND(1.5)	ND(1.2)	ND(1.4) H
Xylenes, Total	µg/kg	10,000	200,000	--	--	ND(1.8)	ND(2.0)	ND(1.9)	ND(2.1)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.8)	ND(3.5)	ND(2.3)	ND(2.5)	ND(4.1)	ND(2.9)	ND(2.4)	ND(2.7) H

Notes:

If no LBCL value was available then RSL value was recorded.

Bold value indicates analyte was detected above the MDL

Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1

* - LCS or LCSD is outside acceptance limits

a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.

b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"

c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.

d - The DAF 1 LBCL is 10,000 µg/kg for m-xylene and 10,000 µg/kg for p-xylene

e - The DAF 20 LBCL is 200,000 µg/kg for m-xylene and 200,000 µg/kg for p-xylene

B - Compound was found in the blank and sample

DAF - Dilution Attenuation Factor

H - Sample was prepped or analyzed beyond the specified holding time

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ID - Analyte identified by RT & presence of single mass ion

F1 - MS and/or MSD Recovery is outside acceptance limits

LBCL - Leaching-based Basic Comparison Level

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicates

MDL - method detection limit

mg/Kg - milligram per kilogram

NA - not analyzed

ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses

RL - reporting limit

RSL - Regional Screening Level

µg/kg - microgram per kilogram

VOCs - Volatile Organic Compounds

Borehole U4U5-2 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	11'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/kg	0.0155	0.31	--	--	**0.082**	**0.16**	**0.34**	**0.020 J**	**0.094 F1**	**0.56**	**0.34**	**0.17**	**0.28**	**0.23**	**13**	**170**	**270**	**130**	**140**	**95**	**120**
Ammonia (as N)	mg/kg	--	--	--	--	ND(2.2)	ND(2.2)	ND(2.3)	ND(2.3)	ND(2.4)	ND(2.2)	ND(2.2)	ND(2.1)	ND(2.2)	ND(2.2)	ND(3.0)	**3.7 J**	ND(3.3)	ND(3.1)	ND(3.4)	**10 J**	**16 J**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.16)	ND(0.17)	**0.64**	ND(0.18)	ND(0.18)	**0.24 J**	**0.46**	ND(0.16)	**0.16 J**	**0.21 J**	**0.59**	**2.0**	**3.8**	**3.9**	**3.6**	**5.3**	**7.6**
Chromium	mg/kg	--	--	--	--	**15**	**15**	**23**	**19**	**14**	**19**	**21**	**22**	**20**	**18**	**43**	**30**	**51**	**110**	**57**	**39**	**37**
Percent Moisture	%	--	--	--	--	**8.4**	**11**	**13**	**15**	**16**	**9.9**	**9.8**	**6.2**	**9.6**	**8.8**	**33**	**25**	**39**	**36**	**41**	**37**	**42**
VOCs																						
1,1,1,2-Tetrachloroethane	µg/kg	--	--	0.22	4.4	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,1,1-Trichloroethane	µg/kg	100	2,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,1,2,2-Tetrachloroethane	µg/kg	0.2	4	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,1,2-Trichloroethane	µg/kg	0.9	18	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,1-Dichloroethane	µg/kg	1,000	20,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,1-Dichloroethene	µg/kg	3	60	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,1-Dichloropropene	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2,3-Trichlorobenzene	µg/kg	--	--	21	420	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2,3-Trichloropropane	µg/kg	--	--	0.00032	0.0064	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2,4-Trichlorobenzene	µg/kg	300	6,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2,4-Trimethylbenzene	µg/kg	--	--	81	1,620	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2-Dibromo-3-Chloropropane	µg/kg	--	--	0.00014	0.0028	ND(1.9)	ND(2.1)	ND(1.9)	ND(2.0)	ND(2.5)	ND(2.0)	ND(1.9)	ND(1.8)	ND(2.2)	ND(1.6)	ND(2.5)	ND(2.1)	ND(2.6)	ND(3.0)	ND(3.2)	ND(2.8)	ND(3.0)
1,2-Dibromoethane (EDB)	µg/kg	--	--	0.0021	0.042	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2-Dichlorobenzene	µg/kg	900	18,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2-Dichloroethane	µg/kg	1	20	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,2-Dichloropropane	µg/kg	1	20	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,3,5-Trimethylbenzene	µg/kg	--	--	87	1,740	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,3-Dichlorobenzene	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,3-Dichloropropane	µg/kg	1	20	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
1,4-Dichlorobenzene	µg/kg	100	2,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
2,2-Dichloropropane	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
2-Butanone (MEK)	µg/kg	--	--	1,200	24,000	ND(4.7)	ND(5.3)	ND(4.7)	ND(5.0)	ND(6.3)	ND(5.0)	ND(4.8)	ND(4.6)	ND(5.4)	ND(4.0)	ND(6.2)	ND(5.3)	ND(6.6)	ND(7.4)	ND(7.9)	ND(7.0)	ND(7.5)
2-Chlorotoluene	µg/kg	--	--	230	4600	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
2-Hexanone	µg/kg	--	--	8.8	176.0	ND(4.7)	ND(5.3)	ND(4.7)	ND(5.0)	ND(6.3)	ND(5.0)	ND(4.8)	ND(4.6)	ND(5.4)	ND(4.0)	ND(6.2)	ND(5.3)	ND(6.6)	ND(7.4)	ND(7.9)	ND(7.0) F1	ND(7.5) F1
4-Chlorotoluene	µg/kg	--	--	240	4800	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
4-Methyl-2-pentanone (MIBK)	µg/kg	--	--	1,400	28,000	ND(2.3)	ND(2.7)	ND(2.4)	ND(2.5)	ND(3.1)	ND(2.5)	ND(2.4)	ND(2.3)	ND(2.7)	ND(2.0)	ND(3.1)	ND(2.7)	ND(3.3)	ND(3.7)	ND(4.0)	ND(3.5) F1	ND(3.7) F1
Acetone	µg/kg	800	16,000	--	--	ND(7.5)	ND(8.5)	ND(7.5)	ND(8.0)	ND(10)	ND(8.0)	ND(7.7)	**9.6 J**	**12 J**	ND(6.4)	ND(9.9)	ND(8.5)	ND(11) F1	ND(12)	ND(13)	ND(11) F1	ND(12) F1
Benzene	µg/kg	2	40	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Bromobenzene	µg/kg	--	--	420	8,400	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Bromochloromethane	µg/kg	--	--	21	420	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Bromodichloromethane	µg/kg	30	600	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Bromoform	µg/kg	40	800	--	--	ND(1.9)	ND(2.1)	ND(1.9)	ND(2.0)	ND(2.5)	ND(2.0)	ND(1.9)	ND(1.8)	ND(2.2)	ND(1.6)	ND(2.5)	ND(2.1)	ND(2.6)	ND(3.0)	ND(3.2)	ND(2.8)	ND(3.0)
Bromomethane	µg/kg	10	200	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Carbon tetrachloride	µg/kg	3	60	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Chlorobenzene	µg/kg	70	1,400	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Chloroethane	µg/kg	--	--	5,900	118,000	ND(1.9)	ND(2.1)	ND(1.9)	ND(2.0)	ND(2.5)	ND(2.0)	ND(1.9)	ND(1.8)	ND(2.2)	ND(1.6)	ND(2.5)	ND(2.1)	ND(2.6)	ND(3.0)	ND(3.2)	ND(2.8)	ND(3.0)
Chloroform	µg/kg	30	600	--	--	**1.8 J**	**3.7**	**2.3**	**2.2**	**1.4 J**	**1.5 J**	**1.8 J**	**1.1 J**	**1.9 J**	**5.4**	**41**	**34**	**260 F1**	**160**	**380**	**94**	**120**
Chloromethane	µg/kg	--	--	49	980	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
cis-1,2-Dichloroethene	µg/kg	20	400	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
cis-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Dibromochloromethane	µg/kg	20	400	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Dibromomethane	µg/kg	--	--	2.1	42.0	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Dichlorodifluoromethane	µg/kg	--	--	300	6,000	ND(1.9)	ND(2.1)	ND(1.9)	ND(2.0)	ND(2.5)	ND(2.0)	ND(1.9)	ND(1.8)	ND(2.2)	ND(1.6)	ND(2.5)	ND(2.1)	ND(2.6)	ND(3.0)	ND(3.2)	ND(2.8)	ND(3.0)
Ethylbenzene	µg/kg	700	14,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Ethyl-t-butyl ether (ETBE)	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Hexachlorobutadiene	µg/kg	100	2,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Isopropyl Ether (DIPE)	µg/kg	--	--	370	7400	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Isopropylbenzene	µg/kg	--	--	740	14,800	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
m,p-Xylene	µg/kg	10,000[d]	200,000[e]	--	--	ND(1.9)	ND(2.1)	ND(1.9)	ND(2.0)	ND(2.5)	ND(2.0)	ND(1.9)	ND(1.8)	ND(2.2)	ND(1.6)	ND(2.5)	ND(2.1)	ND(2.6)	ND(3.0)	ND(3.2)	ND(2.8)	ND(3.0)
Methylene Chloride	µg/kg	1	20	--	--	ND(4.7)	ND(5.3)	ND(4.7)	ND(5.0)	ND(6.3)	ND(5.0)	ND(4.8)	ND(4.6)	ND(5.4)	ND(4.0)	ND(6.2)	ND(5.3)	ND(6.6)	ND(7.4)	ND(7.9)	ND(7.0)	ND(7.5)
Methyl-t-Butyl Ether (MTBE)	µg/kg	--	--	3.2	64	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Naphthalene	µg/kg	4,000	80,000	--	--	ND(1.9)	ND(2.1)	ND(1.9)	ND(2.0)	ND(2.5)	ND(2.0)	ND(1.9)	ND(1.8)	ND(2.2)	ND(1.6)	ND(2.5)	ND(2.1)	ND(2.6)	ND(3.0)	ND(3.2)	ND(2.8)	ND(3.0)
n-Butylbenzene	µg/kg	--	--	3,200	64,000	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
N-Propylbenzene	µg/kg	--	--	1,200	24,000	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
o-Xylene	µg/kg	9,000	180,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
p-Isopropyltoluene	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
sec-Butylbenzene	µg/kg	--	--	5,900	118,000	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Styrene	µg/kg	200	4,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Tert-amyl-methyl ether (TAME)	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
tert-Butyl alcohol (TBA)	µg/kg	--	--	--	--	ND(9.4)	ND(11)	ND(9.4)	ND(10)	ND(13)	ND(10)	ND(9.6)	ND(9.1)	ND(11)	ND(8.0)	ND(12)	ND(11)	ND(13)	ND(15)	ND(16)	ND(14)	ND(15)
tert-Butylbenzene	µg/kg	--	--	1,600	32,000	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Tetrachloroethene	µg/kg	3	60	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Toluene	µg/kg	600	12,000	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)

Borehole U4U5-2 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	11'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
trans-1,2-Dichloroethene	µg/kg	30	600	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
trans-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Trichloroethene	µg/kg	3	60	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Trichlorofluoromethane	µg/kg	--	--	3,300	66,000	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Vinyl chloride	µg/kg	0.7	14	--	--	ND(0.94)	ND(1.1)	ND(0.94)	ND(1.0)	ND(1.3)	ND(1.0)	ND(0.96)	ND(0.91)	ND(1.1)	ND(0.80)	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.5)	ND(1.6)	ND(1.4)	ND(1.5)
Xylenes, Total	µg/kg	10,000	200,000	--	--	ND(1.9)	ND(2.1)	ND(1.9)	ND(2.0)	ND(2.5)	ND(2.0)	ND(1.9)	ND(1.8)	ND(2.2)	ND(1.6)	ND(2.5)	ND(2.1)	ND(2.6)	ND(3.0)	ND(3.2)	ND(2.8)	ND(3.0)

Notes:

If no LBCL value was available then RSL value was recorded.

Bold value indicates analyte was detected above the MDL

Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1

* - LCS or LCSD is outside acceptance limits

a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.

b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"

c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.

d - The DAF 1 LBCL is 10,000 µg/kg for m-xylene and 10,000 µg/kg for p-xylene

e - The DAF 20 LBCL is 200,000 µg/kg for m-xylene and 200,000 µg/kg for p-xylene

B - Compound was found in the blank and sample

DAF - Dilution Attenuation Factor

H - Sample was prepped or analyzed beyond the specified holding time

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ID - Analyte identified by RT & presence of single mass ion

F1 - MS and/or MSD Recovery is outside acceptance limits

LBCL - Leaching-based Basic Comparison Level

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicates

MDL - method detection limit

mg/Kg - milligram per kilogram

NA - not analyzed

ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses

RL - reporting limit

RSL - Regional Screening Level

µg/kg - microgram per kilogram

VOCs - Volatile Organic Compounds

Borehole U4U5-3 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/kg	0.0155	0.31	--	--	**97**	**150**	**59**	**32**	**39**	**100**	**110**	**99**	**92**	**72**	**8.3**	**8.4**	**20**	**280**	**50**	**110**	**290**	**540**
Ammonia (as N)	mg/kg	--	--	--	--	ND(2.2)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.5)	ND(2.1)	ND(2.2)	ND(2.2)	ND(2.2)
Hexavalent chromium	mg/kg	2	40	--	--	**0.25 J**	**0.25 J**	**0.19 J**	ND(0.17)	**0.16 J**	ND(0.17)	**0.17 J**	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	**0.23 J**	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.17)
Chromium	mg/kg	--	--	--	--	**15**	**19**	**18**	**15**	**16**	**17**	**16**	**14**	**13**	**13**	**13**	**13**	**16**	**34**	**12**	**16**	**20**	**21**
Percent Moisture	%	--	--	--	--	**11**	**12**	**12**	**13**	**8.7**	**8.7**	**7.9**	**7.0**	**6.2**	**6.1**	**4.9**	**6.0**	**4.7**	**21**	**5.3**	**9.2**	**10**	**11**
VOCs																						
1,1,1,2-Tetrachloroethane	µg/kg	--	--	0.22	4.4	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,1,1-Trichloroethane	µg/kg	100	2,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,1,2,2-Tetrachloroethane	µg/kg	0.2	4	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,1,2-Trichloroethane	µg/kg	0.9	18	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,1-Dichloroethane	µg/kg	1,000	20,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,1-Dichloroethene	µg/kg	3	60	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,1-Dichloropropene	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2,3-Trichlorobenzene	µg/kg	--	--	21	420	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2,3-Trichloropropane	µg/kg	--	--	0.00032	0.0064	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2,4-Trichlorobenzene	µg/kg	300	6,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2,4-Trimethylbenzene	µg/kg	--	--	81	1,620	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2-Dibromo-3-Chloropropane	µg/kg	--	--	0.00014	0.0028	ND(1.7)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(2.0)	ND(1.8)	ND(1.6)	ND(1.7)	ND(1.8)	ND(1.7)	ND(1.7)	ND(2.2)	ND(2.0)	ND(1.7)	ND(2.0)	ND(1.7)
1,2-Dibromoethane (EDB)	µg/kg	--	--	0.0021	0.042	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2-Dichlorobenzene	µg/kg	900	18,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2-Dichloroethane	µg/kg	1	20	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,2-Dichloropropane	µg/kg	1	20	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,3,5-Trimethylbenzene	µg/kg	--	--	87	1,740	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,3-Dichlorobenzene	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,3-Dichloropropane	µg/kg	1	20	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
1,4-Dichlorobenzene	µg/kg	100	2,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
2,2-Dichloropropane	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
2-Butanone (MEK)	µg/kg	--	--	1,200	24,000	ND(4.2)	ND(5.1)	ND(4.5)	ND(4.6)	ND(4.6)	ND(4.7)	ND(5.0)	ND(4.5)	ND(4.0)	ND(4.2)	ND(4.4)	ND(4.2)	ND(4.3)	ND(5.5)	ND(5.0)	ND(4.4)	**9.0 J**	ND(4.4)
2-Chlorotoluene	µg/kg	--	--	230	4600	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
2-Hexanone	µg/kg	--	--	8.8	176.0	ND(4.2)	ND(5.1)	ND(4.5)	ND(4.6)	ND(4.6)	ND(4.7)	ND(5.0)	ND(4.5)	ND(4.0)	ND(4.2)	ND(4.4)	ND(4.2)	ND(4.3) F1	ND(5.5)	ND(5.0)	ND(4.4)	ND(5.1)	ND(4.4)
4-Chlorotoluene	µg/kg	--	--	240	4800	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
4-Methyl-2-pentanone (MIBK)	µg/kg	--	--	1,400	28,000	ND(2.1)	ND(2.5)	ND(2.2)	ND(2.3)	ND(2.3)	ND(2.4)	ND(2.5)	ND(2.2)	ND(2.0)	ND(2.1)	ND(2.2)	ND(2.1)	ND(2.2) F1	ND(2.8)	ND(2.5)	ND(2.2)	ND(2.4)	ND(2.2)
Acetone	µg/kg	800	16,000	--	--	ND(6.8)	ND(8.1)	**8.1 J**	ND(7.3)	ND(7.4)	ND(7.5)	ND(8.0)	ND(7.1)	ND(6.5)	ND(6.7)	**30**	**30**	ND(6.9) F1	ND(8.8)	**31**	**34**	**170**	**7.7 J**
Benzene	µg/kg	2	40	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Bromobenzene	µg/kg	--	--	420	8,400	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Bromochloromethane	µg/kg	--	--	21	420	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Bromodichloromethane	µg/kg	30	600	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Bromoform	µg/kg	40	800	--	--	ND(1.7)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(2.0)	ND(1.8)	ND(1.6)	ND(1.7)	ND(1.8)	ND(1.7)	ND(1.7)	ND(2.2)	ND(2.0)	ND(1.7)	ND(2.0)	ND(1.7)
Bromomethane	µg/kg	10	200	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Carbon tetrachloride	µg/kg	3	60	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Chlorobenzene	µg/kg	70	1,400	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Chloroethane	µg/kg	--	--	5,900	118,000	ND(1.7)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(2.0)	ND(1.8)	ND(1.6)	ND(1.7)	ND(1.8)	ND(1.7)	ND(1.7)	ND(2.2)	ND(2.0)	ND(1.7)	ND(2.0)	ND(1.7)
Chloroform	µg/kg	30	600	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	**1.6 J**	**0.83 J**	**0.85 J**	ND(0.88)	ND(0.84)	ND(0.86)	**1.8 J**	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Chloromethane	µg/kg	--	--	49	980	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
cis-1,2-Dichloroethene	µg/kg	20	400	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
cis-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Dibromochloromethane	µg/kg	20	400	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Dibromomethane	µg/kg	--	--	2.1	42.0	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Dichlorodifluoromethane	µg/kg	--	--	300	6,000	ND(1.7)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(2.0)	ND(1.8)	ND(1.6)	ND(1.7)	ND(1.8)	ND(1.7)	ND(1.7)	ND(2.2)	ND(2.0)	ND(1.7)	ND(2.0)	ND(1.7)
Ethylbenzene	µg/kg	700	14,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Ethyl-t-butyl ether (ETBE)	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Hexachlorobutadiene	µg/kg	100	2,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86) F1 F2	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Isopropyl Ether (DIPE)	µg/kg	--	--	370	7400	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Isopropylbenzene	µg/kg	--	--	740	14,800	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
m,p-Xylene	µg/kg	10,000[d]	200,000[e]	--	--	ND(1.7)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(2.0)	ND(1.8)	ND(1.6)	ND(1.7)	ND(1.8)	ND(1.7)	ND(1.7)	ND(2.2)	ND(2.0)	ND(1.7)	ND(2.0)	ND(1.7)
Methylene Chloride	µg/kg	1	20	--	--	ND(4.2)	ND(5.1)	ND(4.5)	ND(4.6)	ND(4.6)	ND(4.7)	ND(5.0)	ND(4.5)	ND(4.0)	ND(4.2)	ND(4.4)	ND(4.2)	ND(4.3)	ND(5.5)	ND(5.0)	ND(4.4)	ND(5.1)	ND(4.4)
Methyl-t-Butyl Ether (MTBE)	µg/kg	--	--	3.2	64	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Naphthalene	µg/kg	4,000	80,000	--	--	ND(1.7)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(2.0)	ND(1.8)	ND(1.6)	ND(1.7)	ND(1.8)	ND(1.7)	ND(1.7)	ND(2.2)	ND(2.0)	ND(1.7)	ND(2.0)	ND(1.7)
n-Butylbenzene	µg/kg	--	--	3,200	64,000	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
N-Propylbenzene	µg/kg	--	--	1,200	24,000	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
o-Xylene	µg/kg	9,000	180,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
p-Isopropyltoluene	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
sec-Butylbenzene	µg/kg	--	--	5,900	118,000	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Styrene	µg/kg	200	4,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Tert-amyl-methyl ether (TAME)	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
tert-Butyl alcohol (TBA)	µg/kg	--	--	--	--	ND(8.5)	ND(10)	ND(8.9)	ND(9.2)	ND(9.2)	ND(9.4)	ND(10)	ND(8.9)	ND(8.1)	ND(8.4)	ND(8.8)	ND(8.4)	ND(8.6)	ND(11)	ND(10)	ND(8.7)	ND(10)	ND(8.7)
tert-Butylbenzene	µg/kg	--	--	1,600	32,000	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Tetrachloroethene	µg/kg	3	60	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Toluene	µg/kg	600	12,000	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)

Borehole U4U5-3 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
trans-1,2-Dichloroethene	µg/kg	30	600	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
trans-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Trichloroethene	µg/kg	3	60	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Trichlorofluoromethane	µg/kg	--	--	3,300	66,000	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Vinyl chloride	µg/kg	0.7	14	--	--	ND(0.85)	ND(1.0)	ND(0.89)	ND(0.92)	ND(0.92)	ND(0.94)	ND(1.0)	ND(0.89)	ND(0.81)	ND(0.84)	ND(0.88)	ND(0.84)	ND(0.86)	ND(1.1)	ND(1.0)	ND(0.87)	ND(1.0)	ND(0.87)
Xylenes, Total	µg/kg	10,000	200,000	--	--	ND(1.7)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)	ND(2.0)	ND(1.8)	ND(1.6)	ND(1.7)	ND(1.8)	ND(1.7)	ND(1.7)	ND(2.2)	ND(2.0)	ND(1.7)	ND(2.0)	ND(1.7)

Notes:

If no LBCL value was available then RSL value was recorded.

Bold value indicates analyte was detected above the MDL

Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1

* - LCS or LCSD is outside acceptance limits

a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.

b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"

c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.

d - The DAF 1 LBCL is 10,000 µg/kg for m-xylene and 10,000 µg/kg for p-xylene

e - The DAF 20 LBCL is 200,000 µg/kg for m-xylene and 200,000 µg/kg for p-xylene

B - Compound was found in the blank and sample

DAF - Dilution Attenuation Factor

H - Sample was prepped or analyzed beyond the specified holding time

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ID - Analyte identified by RT & presence of single mass ion

F1 - MS and/or MSD Recovery is outside acceptance limits

F2 - MS/MSD RPD exceeds control limits

LBCL - Leaching-based Basic Comparison Level

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicates

MDL - method detection limit

mg/Kg - milligram per kilogram

NA - not analyzed

ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses

RL - reporting limit

RSL - Regional Screening Level

µg/kg - microgram per kilogram

VOCs - Volatile Organic Compounds

Borehole U4U5-4 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/kg	0.0155	0.31	--	--	**180**	**140**	**110**	**47**	**48**	**59**	**47**	**52**	**40**	**180**	**520**	**380**	**140**	**58**	**35**	**50**
Ammonia (as N)	mg/kg	--	--	--	--	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.1)	**2.4 J**	**2.2 J**	ND(2.2)	ND(2.2)	ND(2.6)	**3.8 J**	ND(3.0)	ND(2.7)	ND(2.5)	ND(2.2)	ND(2.4)
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.16)	ND(0.17)	**0.18 J**	**0.41**	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.24)	ND(0.23)	ND(0.20)	**0.19 J**	ND(0.16)	**0.72**
Chromium	mg/kg	--	--	--	--	**16**	**16**	**14**	**15**	**16**	**19**	**18**	**15**	**16**	**42**	**50**	**40**	**50**	**31**	**15**	**22**
Percent Moisture	%	--	--	--	--	**7.1**	**9.5**	**7.3**	**7.5**	**6.8**	**8.3**	**8.0**	**7.8**	**7.9**	**23**	**39**	**34**	**25**	**21**	**8.5**	**17**
VOCs																					
1,1,1,2-Tetrachloroethane	µg/kg	--	--	0.22	4.4	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,1,1-Trichloroethane	µg/kg	100	2,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,1,2,2-Tetrachloroethane	µg/kg	0.2	4	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,1,2-Trichloroethane	µg/kg	0.9	18	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,1-Dichloroethane	µg/kg	1,000	20,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,1-Dichloroethene	µg/kg	3	60	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,1-Dichloropropene	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2,3-Trichlorobenzene	µg/kg	--	--	21	420	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2) F2	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2,3-Trichloropropane	µg/kg	--	--	0.00032	0.0064	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2,4-Trichlorobenzene	µg/kg	300	6,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2) F1 F2	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2,4-Trimethylbenzene	µg/kg	--	--	81	1,620	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2-Dibromo-3-Chloropropane	µg/kg	--	--	0.00014	0.0028	ND(2.0)	ND(2.1)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(2.4)	ND(3.0)	ND(2.9)	ND(2.2)	ND(1.8)	ND(1.6)	ND(1.9)
1,2-Dibromoethane (EDB)	µg/kg	--	--	0.0021	0.042	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2-Dichlorobenzene	µg/kg	900	18,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2-Dichloroethane	µg/kg	1	20	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,2-Dichloropropane	µg/kg	1	20	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,3,5-Trimethylbenzene	µg/kg	--	--	87	1,740	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,3-Dichlorobenzene	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,3-Dichloropropane	µg/kg	1	20	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
1,4-Dichlorobenzene	µg/kg	100	2,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
2,2-Dichloropropane	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
2-Butanone (MEK)	µg/kg	--	--	1,200	24,000	ND(4.9)	ND(5.2)	ND(4.5)	ND(4.6)	ND(4.7)	ND(4.1)	ND(4.7)	ND(3.9)	ND(4.0)	ND(6.0)	ND(7.6)	ND(7.4)	ND(5.4)	ND(4.4)	ND(4.0)	ND(4.8)
2-Chlorotoluene	µg/kg	--	--	230	4600	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
2-Hexanone	µg/kg	--	--	8.8	176.0	ND(4.9)	ND(5.2)	ND(4.5)	ND(4.6)	ND(4.7)	ND(4.1)	ND(4.7)	ND(3.9)	ND(4.0)	ND(6.0)	ND(7.6)	ND(7.4)	ND(5.4)	ND(4.4)	ND(4.0)	ND(4.8)
4-Chlorotoluene	µg/kg	--	--	240	4800	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
4-Methyl-2-pentanone (MIBK)	µg/kg	--	--	1,400	28,000	ND(2.5)	ND(2.6)	ND(2.2)	ND(2.3)	ND(2.4)	ND(2.0)	ND(2.4)	ND(2.0)	ND(2.0)	ND(3.0)	ND(3.8)	ND(3.7)	ND(2.7)	ND(2.2)	ND(2.0)	ND(2.4)
Acetone	µg/kg	800	16,000	--	--	ND(7.8)	ND(8.3)	ND(7.1)	ND(7.3)	ND(7.5)	**8.7 J**	ND(7.5)	**18**	**37**	ND(9.7)	ND(12)	**22 J**	ND(8.7)	ND(7.1)	ND(6.5)	ND(7.6)
Benzene	µg/kg	2	40	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Bromobenzene	µg/kg	--	--	420	8,400	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Bromochloromethane	µg/kg	--	--	21	420	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Bromodichloromethane	µg/kg	30	600	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Bromoform	µg/kg	40	800	--	--	ND(2.0)	ND(2.1)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(2.4)	ND(3.0)	ND(2.9)	ND(2.2)	ND(1.8)	ND(1.6)	ND(1.9)
Bromomethane	µg/kg	10	200	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Carbon tetrachloride	µg/kg	3	60	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Chlorobenzene	µg/kg	70	1,400	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Chloroethane	µg/kg	--	--	5,900	118,000	ND(2.0)	ND(2.1)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(2.4)	ND(3.0)	ND(2.9)	ND(2.2)	ND(1.8)	ND(1.6)	ND(1.9)
Chloroform	µg/kg	30	600	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	**7.8**	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Chloromethane	µg/kg	--	--	49	980	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
cis-1,2-Dichloroethene	µg/kg	20	400	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	**0.81 J**	ND(0.95)
cis-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Dibromochloromethane	µg/kg	20	400	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Dibromomethane	µg/kg	--	--	2.1	42.0	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Dichlorodifluoromethane	µg/kg	--	--	300	6,000	ND(2.0)	ND(2.1)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(2.4)	ND(3.0)	ND(2.9)	ND(2.2)	ND(1.8)	ND(1.6)	ND(1.9)
Ethylbenzene	µg/kg	700	14,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Ethyl-t-butyl ether (ETBE)	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Hexachlorobutadiene	µg/kg	100	2,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Isopropyl Ether (DIPE)	µg/kg	--	--	370	7400	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Isopropylbenzene	µg/kg	--	--	740	14,800	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
m,p-Xylene	µg/kg	10,000[d]	200,000[e]	--	--	ND(2.0)	ND(2.1)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(2.4)	ND(3.0)	ND(2.9)	ND(2.2)	ND(1.8)	ND(1.6)	ND(1.9)
Methylene Chloride	µg/kg	1	20	--	--	ND(4.9)	ND(5.2)	ND(4.5)	ND(4.6)	ND(4.7)	ND(4.1)	ND(4.7)	ND(3.9)	ND(4.0)	ND(6.0)	ND(7.6)	ND(7.4)	ND(5.4)	ND(4.4)	ND(4.0)	ND(4.8)
Methyl-t-Butyl Ether (MTBE)	µg/kg	--	--	3.2	64	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Naphthalene	µg/kg	4,000	80,000	--	--	ND(2.0)	ND(2.1)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(2.4)	ND(3.0)	ND(2.9)	ND(2.2)	ND(1.8)	ND(1.6)	ND(1.9)
n-Butylbenzene	µg/kg	--	--	3,200	64,000	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
N-Propylbenzene	µg/kg	--	--	1,200	24,000	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
o-Xylene	µg/kg	9,000	180,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
p-Isopropyltoluene	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
sec-Butylbenzene	µg/kg	--	--	5,900	118,000	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Styrene	µg/kg	200	4,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Tert-amyl-methyl ether (TAME)	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
tert-Butyl alcohol (TBA)	µg/kg	--	--	--	--	ND(9.8)	ND(10)	ND(8.9)	ND(9.1)	ND(9.4)	ND(8.1)	ND(9.4)	ND(7.9)	ND(8.1)	ND(12)	ND(15)	ND(15)	ND(11)	ND(8.8)	ND(8.1)	ND(9.5)
tert-Butylbenzene	µg/kg	--	--	1,600	32,000	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Tetrachloroethene	µg/kg	3	60	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Toluene	µg/kg	600	12,000	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)

Borehole U4U5-4 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	32.5'	35'	37.5'	40'
trans-1,2-Dichloroethene	µg/kg	30	600	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
trans-1,3-Dichloropropene	µg/kg	--	--	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Trichloroethene	µg/kg	3	60	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Trichlorofluoromethane	µg/kg	--	--	3,300	66,000	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	**1.5 J**	ND(0.81)	**1.6 J**	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Vinyl chloride	µg/kg	0.7	14	--	--	ND(0.98)	ND(1.0)	ND(0.89)	ND(0.91)	ND(0.94)	ND(0.81)	ND(0.94)	ND(0.79)	ND(0.81)	ND(1.2)	ND(1.5)	ND(1.5)	ND(1.1)	ND(0.88)	ND(0.81)	ND(0.95)
Xylenes, Total	µg/kg	10,000	200,000	--	--	ND(2.0)	ND(2.1)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(2.4)	ND(3.0)	ND(2.9)	ND(2.2)	ND(1.8)	ND(1.6)	ND(1.9)

Notes:

If no LBCL value was available then RSL value was recorded.

Bold value indicates analyte was detected above the MDL

Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1

* - LCS or LCSD is outside acceptance limits

a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.

b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"

c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.

d - The DAF 1 LBCL is 10,000 µg/kg for m-xylene and 10,000 µg/kg for p-xylene

e - The DAF 20 LBCL is 200,000 µg/kg for m-xylene and 200,000 µg/kg for p-xylene

B - Compound was found in the blank and sample

DAF - Dilution Attenuation Factor

H - Sample was prepped or analyzed beyond the specified holding time

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ID - Analyte identified by RT & presence of single mass ion

F1 - MS and/or MSD Recovery is outside acceptance limits

F2 - MS/MSD RPD exceeds control limits

LBCL - Leaching-based Basic Comparison Level

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicates

MDL - method detection limit

mg/Kg - milligram per kilogram

NA - not analyzed

ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses

RL - reporting limit

RSL - Regional Screening Level

µg/kg - microgram per kilogram

VOCs - Volatile Organic Compounds

Borehole U4U5-5 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																								
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	40'	50'	57.5'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.020J**	**0.011J**	**0.83**	**0.52**	**0.41**	**0.016J**	**0.16**	**0.16**	**0.13F1**	**0.2**	**0.24**	**0.29**	**0.32**	**0.63**	**0.25**	**1**	**27**	**34**	**68**	**56**	**47**	**190**	**360**	**180**	**18**	**90**	**2.6**	**0.49**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.28J**	**0.19J**	**0.22J**	**1.7**	**0.22J**	**0.27J**	**0.48**	**0.22J**	ND(0.19)	ND(0.20)	**0.61**	**ND(0.16)**	**0.25J**	**0.89**	**0.25J**	ND(0.23)	**1.7**	**1.6**	**2.8**	**2.0**	**3.2**	**8.4**	**15**	**15**	ND(0.22)	**4.4**	ND(0.26)	**0.76**
Chromium	mg/Kg	--	--	--	--	**15**	**16**	**14**	**15**	**10**	**13**	**13**	**15**	**11**	**13**	**12**	**10**	**11**	**48**	**25**	**18**	**21**	**18**	**25**	**25**	**32**	**40**	**59**	**33F1 F2**	**31**	**33**	**34**	**62**
Percent Moisture	%	--	--	--	--	**16.9**	**13.4**	**15.8**	**14.0**	**12.9**	**20.3**	**20.1**	**27.9**	**18.6**	**25.9**	**18.4**	**6.8**	**6.9**	**38.0**	**37.4**	**34.6**	**29.5**	**26.0**	**35.4**	**40.7**	**36.9**	**41.7**	**33.7**	**35.5**	**30.2**	**46.2**	**42.5**	**34.8**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)*	ND(0.0017)*	ND(0.0017)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)*	ND(0.0027)	ND(0.0023)*	ND(0.0035)*	ND(0.0033)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0056)	ND(0.0050)	ND(0.0049)	ND(0.0052)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0069)	ND(0.0059)	ND(0.0059)	ND(0.0049)	ND(0.0042)	ND(0.0046)	ND(0.010)	ND(0.0082)	ND(0.0077)	ND(0.0058)	**0.052**	ND(0.0071)	ND(0.0075)	ND(0.0069)	ND(0.0078)	ND(0.0068)	**0.011J**	ND(0.0057)	ND(0.0087)	ND(0.0083)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0056)	ND(0.0050)	ND(0.0049)	ND(0.0052)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0069)	ND(0.0059)	ND(0.0059)	ND(0.0049)	ND(0.0042)	ND(0.0046)	ND(0.010)	ND(0.0082)	ND(0.0077)	ND(0.0058)	ND(0.0057)	ND(0.0071)	ND(0.0075)	ND(0.0069)	ND(0.0078)	ND(0.0068)	ND(0.0068)	ND(0.0057)	ND(0.0087)	ND(0.0083)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0028)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0034)	ND(0.003)	ND(0.0030)	ND(0.0025)	ND(0.0021)	ND(0.0023)	ND(0.0050)	ND(0.0041)	ND(0.0038)	ND(0.0029)	ND(0.0028)	ND(0.0036)	ND(0.0037)	ND(0.0034)	ND(0.0039)	ND(0.0034)	ND(0.0034)	ND(0.0028)	ND(0.0044)	ND(0.0041)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.009)	ND(0.0080)	ND(0.0079)	ND(0.0083)	ND(0.0081)	ND(0.0081)	ND(0.0082)	ND(0.011)	**0.057**	ND(0.0095)	ND(0.0079)	**0.016J**	ND(0.0074)	ND(0.016)	ND(0.013)	ND(0.012)	ND(0.0094)	**1.100E**	ND(0.011)	**0.380**	**0.110**	ND(0.012)	**0.760**	**0.400**	ND(0.0091)	ND(0.014)	ND(0.013)	**0.120**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	0.0017J	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	0.0026J	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	**0.010**	**0.0038**	ND(0.0015)	**0.077**	**0.050**	**0.089**	**0.170**	**0.380**	**0.740**	**0.970**	**0.180F1**	**0.011**	**0.130**	**0.0019J**	ND(0.0013)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	**0.0013J**	ND(0.0014)	**0.0034J**	ND(0.0014)	ND(0.0016)	ND(0.0014)	**0.0014J**	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)*	ND(0.0014)	ND(0.0011)*	ND(0.0017)*	ND(0.0017)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Isopropylbenzene	mg/Kg	0.4	14.8	0.74	14.8	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0056)	ND(0.0050)	ND(0.0049)	ND(0.0052)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0069)	ND(0.0059)	ND(0.0059)	ND(0.0049)	ND(0.0042)	ND(0.0046)	ND(0.010)	ND(0.0082)	ND(0.0077)	ND(0.0058)	ND(0.0057)	ND(0.0071)	ND(0.0075)	ND(0.0069)	ND(0.0078)	ND(0.0068)	ND(0.0068)	ND(0.0057)	ND(0.0087)	ND(0.0083)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)

Borehole U4U5-6 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	41.5'	60
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.053**	**0.011J**	**0.021J**	**0.11F1**	**0.025J**	**0.4**	**0.053J**	**0.027J**	**0.096**	**0.087F1**	**0.37**	**0.33**	ND(0.011)	ND(0.016)	ND(0.015)	**0.055**	**210**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)F1	ND(0.16)	**0.32**	ND(0.16)F1	ND(0.16)	**0.24J**	ND(0.21)	**0.37**	**0.46**	ND(0.21)	ND(0.16)	ND(0.19)	ND(0.17)	ND(0.26)	ND(0.24)	ND(0.19)	0.21J
Chromium	mg/Kg	--	--	--	--	**15**	**13**	**9.9**	**16**	**13**	**23**	**25**	**19**	**17**	**19**	**20**	**19**	**14**	**41**	**41**	**13**	**28**
Percent Moisture	%	--	--	--	--	**7.0**	**6.6**	**6.1**	**7.6**	**6.6**	**6.9**	**29.5**	**17.9**	**26.4**	**27.9**	**9**	**22.4**	**13.4**	**42.4**	**38.3**	**21.9**	**26.7**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0012)*	ND(0.0012)*	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0059)	ND(0.0062)	ND(0.0056)	ND(0.0047)	ND(0.0062)	ND(0.0050)	ND(0.0059)	ND(0.0064)	ND(0.0062)	ND(0.0070)	ND(0.0053)	ND(0.0057)	ND(0.0055)	ND(0.0097)	ND(0.0096)	ND(0.0081)	ND(0.0059)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0059)	ND(0.0062)	ND(0.0056)	ND(0.0047)	ND(0.0062)	ND(0.0050)	ND(0.0059)	ND(0.0064)	ND(0.0062)	ND(0.0070)	ND(0.0053)	ND(0.0057)	ND(0.0055)	ND(0.0097)	ND(0.0096)	ND(0.0081)	ND(0.0059)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.003)	ND(0.0031)	ND(0.0028)	ND(0.0024)	ND(0.0031)	ND(0.0025)	ND(0.003)	ND(0.0032)	ND(0.0031)	ND(0.0035)	ND(0.0026)	ND(0.0029)	ND(0.0027)	ND(0.0049)	ND(0.0048)	ND(0.0041)	ND(0.0029)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0094)	ND(0.0099)	ND(0.0089)	ND(0.0076)	ND(0.0099)	**0.013J**	ND(0.0095)	ND(0.010)	ND(0.0099)	ND(0.011)	ND(0.0084)	ND(0.0092)	ND(0.0088)	ND(0.016)	**0.024J**	**0.050**	**0.015J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0024)*	ND(0.0025)*	ND(0.0022)	ND(0.0019)*	ND(0.0025)*	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)*	ND(0.0012)*	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	**0.0097**	**0.0030J**	ND(0.0016)	**0.069**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)*	ND(0.0012)*	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0059)	ND(0.0062)	ND(0.0056)	ND(0.0047)	ND(0.0062)	ND(0.0050)	ND(0.0059)	ND(0.0064)	ND(0.0062)	ND(0.0070)	ND(0.0053)	ND(0.0057)	ND(0.0055)	ND(0.0097)	ND(0.0096)	ND(0.0081)	ND(0.0059)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0095)	ND(0.012)	ND(0.0099)	ND(0.012)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.011)	**0.026J**	**ND(0.011)**	ND(0.019)	ND(0.019)	ND(0.016)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	**0.0013J**	ND(0.0012)	**0.0016J**	**0.0012J**	**0.0014J**	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-7 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																		
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	32.5'	35'	37.5'	40'	55'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.14**	**0.28**	**0.62**	**8.7**	**4.5**	**0.23**	**26**	**8.3**	**62**	**110**	**88**	**63**	**70**	**110**	**860**	**340**	NA	NA	NA	NA	NA
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	**0.18J**	**0.20J**	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	0.25J	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.17)	**1.3**	**3.4**	NA	NA	NA	NA	NA
Chromium	mg/Kg	--	--	--	--	**16**	**20**	**17**	**20**	**14**	**5**	**12**	**6.3**	**19**	**21**	**21**	**16**	**14**	**12**	**30**	**29**	NA	NA	NA	NA	NA
Percent Moisture	%	--	--	--	--	**8.6**	**8.8**	**9.9**	**10.8**	**9**	**5.8**	**5.3**	**3**	**9.1**	**10.8**	**8**	**7.3**	**4.8**	**9.6**	**30.7**	**40.5**	**34.4**	**34**	**41.3**	**27.7**	**31.5**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0052)	ND(0.0052)	ND(0.0056)	ND(0.0050)	ND(0.0056)	ND(0.0053)	ND(0.0044)	ND(0.0050)	ND(0.0044)	ND(0.0052)	ND(0.0042)	ND(0.0046)	ND(0.0047)	ND(0.0046)	ND(0.0060)	ND(0.0081)	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0052)	ND(0.0052)	ND(0.0056)	ND(0.0050)	ND(0.0056)	ND(0.0053)	ND(0.0044)	ND(0.0050)	ND(0.0044)	ND(0.0052)	ND(0.0042)	ND(0.0046)	ND(0.0047)	ND(0.0046)	ND(0.0060)	ND(0.0081)	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0026)	ND(0.0028)	ND(0.0025)	ND(0.0028)	ND(0.0026)	ND(0.0022)	ND(0.0025)	ND(0.0022)	ND(0.0026)	ND(0.0021)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0030)	ND(0.0041)	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	**0.013J**	**0.0097J**	ND(0.0089)	**0.011J**	ND(0.0090)	ND(0.0084)	ND(0.0070)	ND(0.0081)	ND(0.0071)	ND(0.0083)	ND(0.0067)F1	ND(0.0074)	ND(0.0075)	**0.011J**	**0.018J**	**0.030J**	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	NA	**0.62**	**11**	**4.6**	**31**	NA	NA	**24**	NA	NA	NA	**2,100**	**1,700**	**1,900**	**3,400**	**7,600**	**2,100**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	**0.0029**	**0.0015J**	ND(0.00091)	**0.220**	**0.310**	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)*	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0052)	ND(0.0056)	ND(0.0050)	ND(0.0056)	ND(0.0053)	ND(0.0044)	ND(0.0050)	ND(0.0044)	ND(0.0052)	ND(0.0042)	ND(0.0046)	ND(0.0047)	ND(0.0046)	ND(0.0060)	ND(0.0081)	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	7	140	--	--	NA	NA	NA	NA	NA	ND(0.84)	**4.9**	**1.1**	**4.7**	NA	NA	**4.3**	NA	NA	NA	**5.2**	**2.9**	**3**	**5.3**	**11**	**7.5**
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**10**	**150**	**120**	**440**	**NA**	**NA**	**100**	NA	NA	NA	**960**	**660**	**600**	**840**	**540**	**170**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.0088)	ND(0.010)	ND(0.0088)	ND(0.010)	ND(0.0084)	ND(0.0092)	ND(0.0094)	ND(0.0091)	ND(0.012)	ND(0.016)	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-8 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																		
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5	40'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.042J**	**0.054**	**0.11**	**0.18**	**0.41**	ND(0.011)	**2.3**	**0.046J**	**0.042J**	**0.36**	**0.34F1**	**0.27**	**1.1F1**	**4.7**	**11**	**61**	NA	NA	NA	NA	NA
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.18)	ND(0.16)	ND(0.19)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	0.36F1	ND(0.20)	ND(0.21)	**0.76**	NA	NA	NA	NA	NA
Chromium	mg/Kg	--	--	--	--	**18**	**0.13**	**14**	**12**	**11**	**5.2J**	**14**	**13**	**21**	**17**	**18**	**17**	**13**	**35**	**49**	**36**	NA	NA	NA	NA	NA
Percent Moisture	%	--	--	--	--	**7.4**	**6.5**	**6.7**	**8.4**	**7.3**	**14.7**	**8.2**	**19.7**	**6.9**	**9.9**	**8.1**	**6.5**	**6.7**	**22.5**	**28.6**	**38.1**	**33.7**	**35.3**	**32.5**	**33.4**	**38**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0058)	ND(0.0055)	ND(0.0068)	ND(0.0050)	ND(0.0052)	ND(0.0047)	ND(0.0047)	ND(0.0051)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0051)	ND(0.0049)	ND(0.0063)	ND(0.0069)	ND(0.0071)	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0058)	ND(0.0055)	ND(0.0068)	ND(0.0050)	ND(0.0052)	ND(0.0047)	ND(0.0047)	ND(0.0051)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0051)	ND(0.0049)	ND(0.0063)	ND(0.0069)	ND(0.0071)	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0029)	ND(0.0028)	ND(0.0034)	ND(0.0025)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0025)	ND(0.0024)	ND(0.0025)	ND(0.0024)	ND(0.0031)	ND(0.0035)	ND(0.0036)	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	**0.013J**	ND(0.0088)	ND(0.011)	ND(0.0080)	ND(0.0082)	**0.016J**	**0.014J**	ND(0.0082)	ND(0.0081)	ND(0.0078)	ND(0.0076)F1	ND(0.0081)	ND(0.0078)	ND(0.010)	ND(0.011)	ND(0.011)	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)*	ND(0.0022)*	ND(0.0027)*	ND(0.0020)*	ND(0.0021)*	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0012)*	ND(0.0011)*	ND(0.0014)*	ND(0.00099)*	ND(0.0010)*	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	NA	ND(0.058)	**22**	**0.28**	**NA**	**NA**	**NA**	**1.9**	NA	NA	NA	**310**	**420**	**770**	**1,100**	**5,800**	**510**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	**0.00096J**	ND(0.0010)	**0.0015J**	**0.0022**	**0.0014J**	**0.0012J**	**0.002**	**0.036**	**0.049**	**0.160**	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)*	ND(0.0011)*	ND(0.0014)*	ND(0.00099)*	ND(0.0010)*	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0058)	ND(0.0055)	ND(0.0068)	ND(0.0050)	ND(0.0052)	ND(0.0047)	ND(0.0047)	ND(0.0051)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0051)	ND(0.0049)	ND(0.0063)	ND(0.0069)	ND(0.0071)	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	7	140	--	--	NA	NA	NA	NA	NA	ND(0.93)	**4.9**	ND(1.0)	NA	NA	NA	ND(0.85)	NA	NA	NA	**11**	**1.8**	**2.7**	**3.3**	**17**	**1.8**
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**13**	**260**	**42**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**420**	**530**	**620**	**600**	**820**	**79**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.012)	ND(0.011)	ND(0.014)	ND(0.0099)	ND(0.010)	ND(0.0094)	ND(0.0095)	ND(0.010)	ND(0.010)	ND(0.0098)	ND(0.0094)	ND(0.010)	ND(0.0098)	ND(0.013)	ND(0.014)	ND(0.014)	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	0.0012J	ND(0.0014)	ND(0.00099)	**0.0012J**	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-9 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																								
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.06**	**0.075**	**0.13**	**0.049**	**0.08**	ND(0.0096)	**0.94**	**1.2**	**0.43**	**2.2**	**0.64**	**5.1**	**1.6**	**2.9**	**14**	**15**	**170**	**34**	**49**	**22**	**25**	**280**	**350**	**44**	**0.22**	**0.061J**	**0.26**	**0.016J F1**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.15)	ND(0.16)	**0.38**	**0.5**	**0.24J**	ND(0.18)	ND(0.17)	ND(0.16)	ND(0.19)	**0.23J**	ND(0.28)	**0.5**	**1.6**	**1.8**	**0.73**	**0.76**	**22**	**12**	**0.29J**	ND(0.22)	ND(0.25)	ND(0.29)	ND(0.24)
Chromium	mg/Kg	--	--	--	--	**16**	**15**	**16**	**19**	**19**	**5.7**	**15**	**15**	**22**	**20**	**20**	**18**	**15**	**29**	**24**	**37**	**31**	**50**	**29**	**19**	**20**	**51**	**73**	**48**	**33**	**32**	**72**	**41**
Percent Moisture	%	--	--	--	--	**10.8**	**7.4**	**8.5**	**8.4**	**7.1**	**1.1**	**9**	**17.4**	**16.4**	**8.3**	**15.8**	**9.5**	**6**	**21.7**	**29.5**	**45.5**	**40**	**38.7**	**31.7**	**25.4**	**30.2**	**32.8**	**34.7**	**40**	**30.8**	**39.8**	**47.2**	**37.4**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)F1	ND(0.0029)	ND(0.0038)	ND(0.0033)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	**0.0016J**	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0054)	ND(0.0045)	ND(0.0061)	ND(0.0049)	ND(0.0048)	ND(0.0077)	ND(0.0046)	ND(0.0054)	ND(0.0052)	ND(0.0050)	ND(0.0057)	ND(0.0045)	ND(0.0045)	ND(0.0064)	ND(0.0081)	ND(0.0091)	ND(0.018)	ND(0.0075)	ND(0.0064)	ND(0.0060)	ND(0.0060)	ND(0.0064)	ND(0.0065)	ND(0.0081)	ND(0.0057)	ND(0.0072)	ND(0.0094)	ND(0.0084)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0054)	ND(0.0045)	ND(0.0061)	ND(0.0049)	ND(0.0048)	ND(0.0077)	ND(0.0046)	ND(0.0054)	ND(0.0052)	ND(0.0050)	ND(0.0057)	ND(0.0045)	ND(0.0045)	ND(0.0064)	ND(0.0081)	ND(0.0091)	ND(0.018)	ND(0.0075)	ND(0.0064)	ND(0.0060)	ND(0.0060)	ND(0.0064)	ND(0.0065)	ND(0.0081)	ND(0.0057)	ND(0.0072)	ND(0.0094)	ND(0.0084)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0027)	ND(0.0023)	ND(0.003)	ND(0.0024)	ND(0.0024)	ND(0.0039)	ND(0.0023)	ND(0.0027)	ND(0.0026)	ND(0.0025)	ND(0.0028)	ND(0.0023)	ND(0.0022)	ND(0.0032)	ND(0.0040)	ND(0.0046)	ND(0.0091)	ND(0.0038)	ND(0.0032)	ND(0.0030)	ND(0.0030)	ND(0.0032)	ND(0.0033)	ND(0.0041)	ND(0.0029)F1	ND(0.0036)	ND(0.0047)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0086)	ND(0.0072)	ND(0.0097)	**0.012J**	ND(0.0077)	ND(0.012)	ND(0.0074)	**0.074**	ND(0.0083)	ND(0.0081)	ND(0.0091)	ND(0.0072)	ND(0.0072)	ND(0.010)	ND(0.013)	ND(0.015)	ND(0.029)	ND(0.012)	ND(0.010)	ND(0.0096)	ND(0.0096)	ND(0.010)	ND(0.010)	ND(0.013)	ND(0.0092)F1	ND(0.012)	ND(0.015)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	**0.0012J**	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	**0.0017J**	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)*	ND(0.0018)*	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)*	ND(0.00090)*	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	0.0018J	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	NA	**0.054J**	**2.7**	**7.0**	**1.1**	**0.37**	**0.45**	**0.84**	**0.30**	**1.8**	**5.3**	**20**	**330**	**370**	**400**	**180**	**290**	**2,600**	**2,300**	**450**	**0.59**	**0.70**	**2.9F1**	**0.20J**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	0.0013J	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	**0.0014J**	ND(0.00090)	ND(0.00090)	**0.015**	**0.046**	**0.080**	**0.230**	**0.110**	**0.110**	**0.034**	**0.099**	**1.4**	**0.590**	**0.011**	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)*	ND(0.00090)*	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0054)	ND(0.0045)	ND(0.0061)	ND(0.0049)	ND(0.0048)	ND(0.0077)	ND(0.0046)	ND(0.0054)	ND(0.0052)	ND(0.0050)	ND(0.0057)	ND(0.0045)	ND(0.0045)	ND(0.0064)	ND(0.0081)	ND(0.0091)	ND(0.018)	ND(0.0075)	ND(0.0064)	ND(0.0060)	ND(0.0060)	ND(0.0064)	ND(0.0065)	ND(0.0081)	ND(0.0057)	ND(0.0072)	ND(0.0094)	ND(0.0084)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)

Borehole U4U5-10 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																		
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**28**	**51**	**15**	**2.9**	**16**	**0.62**	**2.5**	**0.30**	**0.48**	**0.55**	**0.050**	**0.021J**	**2.3**	**2.5**	**340**	NA	NA	NA	NA	NA	NA
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.15)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.17)	**0.19J**	ND(0.18)	ND(0.19)	ND(0.18)	**0.76**	NA	NA	NA	NA	NA	NA
Chromium	mg/Kg	--	--	--	--	**14**	**18**	**23**	**17**	**16**	**4.0**	**17**	**15**	**28**	**13**	**17**	**16**	**15**	**31**	**45**	NA	NA	NA	NA	NA	NA
Percent Moisture	%	--	--	--	--	**5.9**	**8**	**10**	**7.7**	**5.6**	**0.7**	**10.4**	**9.3**	**8.6**	**10.3**	**11.4**	**16.4**	**21.2**	**18.5**	**44**	**30.1**	**36.6**	**33.4**	**39.5**	**35.2**	**34**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)F1	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)F1	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0050)	ND(0.0051)	ND(0.0054)	ND(0.0051)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0048)	ND(0.0063)	ND(0.0041)	ND(0.0049)	ND(0.0055)	ND(0.0051)	ND(0.0055)	ND(0.0083)	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0050)	ND(0.0051)	ND(0.0054)	ND(0.0051)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0048)	ND(0.0063)	ND(0.0041)	ND(0.0049)	ND(0.0055)	ND(0.0051)	ND(0.0055)	ND(0.0083)	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0025)	ND(0.0026)	ND(0.0027)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0024)	ND(0.0032)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.0028)	ND(0.0042)	NA	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0081)	**0.025**	ND(0.0086)	ND(0.0081)	ND(0.0081)	ND(0.008)	ND(0.0084)	**0.014J**	**0.072**	**0.100F1**	**0.033**	**0.010J**	ND(0.0081)	ND(0.0089)	**0.16**	NA	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	NA	**1.6**	**3.1F1**	**0.51**	**0.46**	**0.72F1**	**0.17J**	**0.31**	**4.3**	**5.9**	**500**	**610**	**290**	**240**	**400**	**390**	**2,200F1**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	**0.0063**	ND(0.0011)	**0.081**	NA	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0051)	ND(0.0054)	ND(0.0051)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0048)	ND(0.0063)	ND(0.0041)	ND(0.0049)	ND(0.0055)	ND(0.0051)	ND(0.0055)	ND(0.0083)	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	7	140	--	--	NA	NA	NA	NA	NA	ND(0.81)	**2.3**	**1.2**	ND(0.87)	**1.1J**	ND(0.90)	ND(0.95)	**2.1**	**4.2**	**29**	**9.5**	**1.6J**	ND(1.2)	**1.6J**	**1.5J**	**4.6**
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**23**	**91**	**57**	**88**	**150F1**	**120**	**110**	**20,000**	**12,000**	**1,600**	**590**	**590**	**440**	**620**	**560**	**48**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0095)	ND(0.013)	ND(0.0082)	**0.021J**	**0.012J ID**	ND(0.010)	ND(0.011)	ND(0.017)	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-11 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	35'	37.5'	40'	50'	60'	70'	71'	80'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**26**	**2.2**	**0.11**	**2**	**1.5**	**0.21**	**0.28**	**250**	**400**	NA	NA	NA	NA	**42**	NA	NA
Hexavalent chromium	mg/Kg	2	40	--	--	**0.16J**	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.18)	**0.28J**	ND(0.24)F1	NA	NA	NA	NA	**0.32J**	NA	NA
Chromium	mg/Kg	--	--	--	--	**23**	**19**	**17**	**19**	**15**	**15**	**11**	**25**	**28**	NA	NA	NA	NA	**6.9**	NA	NA
Percent Moisture	%	--	--	--	--	**10.8**	**7.4**	**8.5**	**8.4**	**7.1**	**1.1**	**9**	**29.5**	**45.5**	**40**	**38.7**	**31.7**	**25.4**	**15.2**	**34.9**	**31**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0057)	ND(0.0049)	ND(0.0052)	ND(0.005)	ND(0.0048)	ND(0.0039)	ND(0.0045)	ND(0.0080)	ND(0.0087)	NA	NA	NA	NA	ND(0.0047)	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0057)	ND(0.0049)	ND(0.0052)	ND(0.005)	ND(0.0048)	ND(0.0039)	ND(0.0045)	ND(0.0080)	ND(0.0087)	NA	NA	NA	NA	ND(0.0047)	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0029)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.002)	ND(0.0022)	ND(0.0040)	ND(0.0043)	NA	NA	NA	NA	ND(0.0024)	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0092)	ND(0.0078)	ND(0.0083)	ND(0.0079)	ND(0.0077)	ND(0.0063)	ND(0.0072)	ND(0.013)	**0.018J**	NA	NA	NA	NA	**0.0076J**	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**1.4**	**0.092J**	**0.10J**	**NA**	**NA**	**370**	**170**	**190**	**110**	**80**	**560**	**440**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	**0.017**	**0.015**	NA	NA	NA	NA	**0.0041**	NA	NA
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0057)	ND(0.0049)	ND(0.0052)	ND(0.005)	ND(0.0048)	ND(0.0039)	ND(0.0045)	ND(0.0080)	ND(0.0087)	NA	NA	NA	NA	ND(0.0047)	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Nitrate as N	mg/Kg	7	140	--	--	NA	NA	NA	NA	NA	ND(0.87)	ND(0.94)	NA	NA	**39**	**2**	**1.7**	**1.1J**	ND(0.94)	**2.9**	**4.7**
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**53**	**3800**	**240**	**NA**	**NA**	**950**	**310**	**540**	**280**	**130**	**420**	**100**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.0097)	ND(0.010)	ND(0.0099)	ND(0.0096)	ND(0.0078)	ND(0.009)	ND(0.016)	ND(0.017)	NA	NA	NA	NA	0.011J ID	NA	NA
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	**0.0011J**	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-12 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																	
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.33**	**0.92**	**0.32**	**0.089**	**0.089F1**	**0.39**	**2.3F2**	**6.3**	**4.6**	**1.3**	**1.3**	**0.37**	**0.63**	**0.32**	**0.2**	**0.075**	**0.61**	**0.75**	**1.1**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.18)	ND(0.18)	**0.42**	**4.7**	**4.8**	**1.1**	**0.17J**	**0.21J**	**0.47**	**0.17J**	ND(0.17)	ND(0.16)	**0.18J**	**0.63**	**0.28J**	**0.30J**
Chromium	mg/Kg	--	--	--	--	**14**	**13**	**13**	**13**	**10**	**23**	**25**	**40**	**49**	**24**	**21**	**17**	**13**	**17**	**16**	**15**	**23**	**18**	**15**
Percent Moisture	%	--	--	--	--	**9.9**	**11.9**	**15.9**	**16.5**	**15.7**	**15.3**	**11.1**	**5.2**	**9.8**	**8.9**	**20.5**	**17.5**	**7.3**	**13.4**	**5**	**10.5**	**13.4**	**7.5**	**9.2**
VOCs																								
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)*	ND(0.00090)*	ND(0.00092)*	ND(0.00091)*	ND(0.00095)*	ND(0.0010)*	ND(0.00097)*	ND(0.00092)*	ND(0.00093)*	ND(0.00085)*	ND(0.00089)*	ND(0.0011)*	ND(0.0019)*	ND(0.00089)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0051)	ND(0.0048)	ND(0.0051)	ND(0.0053)	ND(0.0054)	ND(0.0045)	ND(0.0045)	ND(0.0046)	ND(0.0045)	ND(0.0047)	ND(0.0052)	ND(0.0048)	ND(0.0046)	ND(0.0047)	ND(0.0042)	ND(0.0044)	ND(0.0057)	ND(0.0097)	ND(0.0044)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0051)	ND(0.0048)	ND(0.0051)	ND(0.0053)	ND(0.0054)	ND(0.0045)	ND(0.0045)	ND(0.0046)	ND(0.0045)	ND(0.0047)	ND(0.0052)	ND(0.0048)	ND(0.0046)	ND(0.0047)	ND(0.0042)	ND(0.0044)	ND(0.0057)	ND(0.0097)	ND(0.0044)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0022)	ND(0.0023)	ND(0.0023)	ND(0.0024)	ND(0.0026)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0022)	ND(0.0029)	ND(0.0049)	ND(0.0022)
Acetone	mg/Kg	0.8	16	--	--	**0.017J**	ND(0.0077)	ND(0.0081)	ND(0.0085)	ND(0.0086)	**0.048**	**0.012J**	**0.016J**	ND(0.0072)	ND(0.0076)	ND(0.0083)	ND(0.0077)	ND(0.0074)	ND(0.0075)	ND(0.0068)	ND(0.0071)	**0.022J**	ND(0.016)	ND(0.0071)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0048)	ND(0.0051)	ND(0.0053)	ND(0.0054)	ND(0.0045)	ND(0.0045)	ND(0.0046)	ND(0.0045)	ND(0.0047)	ND(0.0052)	ND(0.0048)	ND(0.0046)	ND(0.0047)	ND(0.0042)	ND(0.0044)	ND(0.0057)	ND(0.0097)	ND(0.0044)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	**0.012J ID**	ND(0.0096)	ND(0.010)	ND(0.011)	ND(0.011)	**0.010J ID**	ND(0.0090)	ND(0.0092)	**0.048J**	**0.013J ID**	**0.025J**	ND(0.0097)	ND(0.0092)	ND(0.0093)	ND(0.0085)	ND(0.0089)	ND(0.011)	ND(0.019)	ND(0.0089)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance. b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-13 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.51**	**1.1**	**1.9**	**0.34**	**1.4**	**2.4**	**1.3**	**2.7**	**3.6**	**3**	**0.75**	**6.9**	**7.9**	**3.4**	**12**	**15**	**45**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.17)	**0.21J**	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.18)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.16)	**0.24J**	ND(0.24)
Chromium	mg/Kg	--	--	--	--	**18**	**22**	**18**	**20**	**16**	**23**	**23**	**22**	**22**	**28**	**24**	**21**	**26**	**10**	**18**	**75**	**63**
Percent Moisture	%	--	--	--	--	**7.5**	**11.9**	**14.1**	**13.8**	**7.7**	**9.6**	**15.2**	**9.7**	**8.4**	**7.7**	**13.9**	**8.3**	**7.1**	**18.4**	**9.3**	**33.2**	**38.4**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0039)	ND(0.0052)	ND(0.0044)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0044)	ND(0.0039)	ND(0.0049)	ND(0.0043)	ND(0.0052)	ND(0.0046)	ND(0.0070)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0039)	ND(0.0052)	ND(0.0044)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0044)	ND(0.0039)	ND(0.0049)	ND(0.0043)	ND(0.0052)	ND(0.0046)	ND(0.0070)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0026)	ND(0.0022)	ND(0.0023)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0019)	ND(0.0024)	ND(0.0021)	ND(0.0026)	ND(0.0023)	ND(0.0035)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0077)	ND(0.0063)	ND(0.0087)	ND(0.0063)	ND(0.0083)	ND(0.0070)	ND(0.0073)	ND(0.0072)	ND(0.0067)	ND(0.0070)	ND(0.0062)	ND(0.0078)	ND(0.0068)	ND(0.0083)	ND(0.0074)	ND(0.011)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00096)*	ND(0.00078)*	ND(0.0011)*	ND(0.00078)*	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	**0.00093J**	**0.0013J**	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	**0.023**	**0.062**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00096)*	ND(0.00078)*	ND(0.0011)*	ND(0.00078)*	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0039)	ND(0.0052)	ND(0.0044)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0044)	ND(0.0039)	ND(0.0049)	ND(0.0043)	ND(0.0052)	ND(0.0046)	ND(0.0070)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0096)	ND(0.0078)	ND(0.011)	ND(0.0078)	ND(0.010)	ND(0.0087)	ND(0.0091)	ND(0.0090)	ND(0.0084)	ND(0.0088)	ND(0.0078)	ND(0.0097)	ND(0.0085)	ND(0.010)	ND(0.0093)	ND(0.014)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-14 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																	
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.18**	**0.63**	**4**	**1.4**	**1.3**	**5.9**	**6.8**	**3.6**	**17**	**19**	**16**	**19**	**19**	**4.3**	**11**	**16**	**5.4**	**14**	**21**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	**1.0**	**0.24J**	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.16)	ND(0.16)	**0.18J**	**0.24J**	ND(0.16)	**0.23J**	ND(0.17)	ND(0.17)	**0.58**	**0.48**
Chromium	mg/Kg	--	--	--	--	**21**	**23**	**20**	**40**	**22**	**18**	**15**	**19**	**21**	**17**	**19**	**18**	**17**	**16**	**16**	**19**	**17**	**23**	**37**
Percent Moisture	%	--	--	--	--	**6.2**	**9.7**	**10.3**	**12.4**	**7.9**	**8.6**	**8.5**	**13.3**	**9.2**	**8.2**	**6.7**	**8.2**	**7.8**	**9.2**	**6.8**	**11.6**	**11.2**	**15.2**	**29.2**
VOCs																								
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	**0.0017J**	**0.0014J**	**0.0029J**	**0.0017J**	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	**0.0022J**	**0.0021J**	**0.0052**	**0.0033J**	**0.0011J**	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0047)	ND(0.0041)	ND(0.0038)	ND(0.0043)	ND(0.0039)	ND(0.0040)	ND(0.0059)	ND(0.0048)	ND(0.0046)	ND(0.0039)	ND(0.0032)	ND(0.0042)	ND(0.0040)	ND(0.0046)	ND(0.0047)	ND(0.0049)	ND(0.0046)	ND(0.0056)	ND(0.0059)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0047)	ND(0.0041)	ND(0.0038)	ND(0.0043)	ND(0.0039)	ND(0.0040)	ND(0.0059)	ND(0.0048)	ND(0.0046)	ND(0.0039)	ND(0.0032)	ND(0.0042)	ND(0.0040)	ND(0.0046)	ND(0.0047)	ND(0.0049)	ND(0.0046)	ND(0.0056)	ND(0.0059)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0023)	ND(0.0021)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0029)	ND(0.0024)	ND(0.0023)	ND(0.0019)	ND(0.0016)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0024)	ND(0.0024)	ND(0.0023)	ND(0.0028)	ND(0.0030)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0074)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0062)	ND(0.0064)	ND(0.0094)	ND(0.0076)	ND(0.0074)	ND(0.0062)	ND(0.0051)	ND(0.0067)	ND(0.0064)	ND(0.0074)	ND(0.0075)	ND(0.0078)	ND(0.0073)	ND(0.0089)	ND(0.0095)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	**0.0011J**	**0.0011J**	ND(0.00098)	ND(0.00092)	ND(0.0011)	**0.0017J**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0047)	ND(0.0041)	ND(0.0038)	ND(0.0043)	ND(0.0039)	ND(0.0040)	ND(0.0059)	ND(0.0048)	ND(0.0046)	ND(0.0039)	ND(0.0032)	ND(0.0042)	ND(0.0040)	ND(0.0046)	ND(0.0047)	ND(0.0049)	ND(0.0046)	ND(0.0056)	ND(0.0059)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0093)	ND(0.0083)	ND(0.0075)	ND(0.0086)	ND(0.0078)	ND(0.0080)	ND(0.012)	ND(0.0096)	ND(0.0093)	ND(0.0078)	ND(0.0064)	ND(0.0083)	ND(0.0080)	ND(0.0093)	ND(0.0094)	ND(0.0098)	ND(0.0092)	ND(0.011)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance. b
- The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-15 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																	
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**1.9F1**	**2**	**29**	**4.4**	**14**	**11**	**5.3**	**22**	**19**	**24**	**14**	**7**	**8.5**	**4**	**0.54**	**11**	**21**	**0.65**	**21**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	**1.8**	**11**	ND(0.20)	ND(0.17)	**0.25J**	ND(0.17)	**0.31J**	**0.27J**	**0.25J**	**0.24J**	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.17)	ND(0.26)
Chromium	mg/Kg	--	--	--	--	**23**	**22**	**23**	**26**	**550**	**23**	**20**	**23**	**18**	**21**	**18**	**20**	**17**	**17**	**13**	**22**	**23**	**12**	**57**
Percent Moisture	%	--	--	--	--	**7.6**	**7.6**	**8.1**	**14**	**14.7**	**25.1**	**10.7**	**9.6**	**10.9**	**11.7**	**9.6**	**11.6**	**8.1**	**6.1**	**14.8**	**14.1**	**10.8**	**8.0**	**41.7**
VOCs																								
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0037)	ND(0.0053)	ND(0.0051)	ND(0.0030)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0039)	ND(0.0041)	ND(0.0044)	ND(0.0047)	ND(0.0046)	ND(0.0042)	ND(0.0080)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0037)	ND(0.0053)	ND(0.0051)	ND(0.0030)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0039)	ND(0.0041)	ND(0.0044)	ND(0.0047)	ND(0.0046)	ND(0.0042)	ND(0.0080)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0019)	ND(0.0027)	ND(0.0025)	ND(0.0015)	ND(0.0026)	ND(0.0029)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0023)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0059)	ND(0.0085)	ND(0.0081)	ND(0.0048)	ND(0.0083)	ND(0.0094)	ND(0.0072)	ND(0.0072)	ND(0.0067)	ND(0.0073)	ND(0.0068)	ND(0.0069)	ND(0.0062)	ND(0.0066)	ND(0.0071)	ND(0.0075)	ND(0.0074)	ND(0.0068)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)*	ND(0.00089)*	ND(0.00090)*	ND(0.00084)*	ND(0.00091)	ND(0.00085)*	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	**0.029**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)*	ND(0.00089)*	ND(0.00090)*	ND(0.00084)*	ND(0.00091)	ND(0.00085)*	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.0053)	ND(0.0051)	ND(0.0030)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0039)	ND(0.0041)	ND(0.0044)	ND(0.0047)	ND(0.0046)	ND(0.0042)	ND(0.0080)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0074)	ND(0.011)	ND(0.010)	ND(0.0060)	ND(0.010)	ND(0.012)	ND(0.0089)	ND(0.0090)	ND(0.0084)	ND(0.0091)	ND(0.0085)	ND(0.0086)	ND(0.0078)	ND(0.0083)	ND(0.0088)	ND(0.0094)	ND(0.0092)	ND(0.0084)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

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Borehole U4U5-16 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																								
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**57**	**20**	**9.5**	**17**	**9.8**	**16**	**12**	**5.4**	**4.9**	**3**	**2.9**	**2.9**	**0.91J**	**5.2**	**7.1**	**9**	**35**	**5.6**	**4.5**	**6.4**	**8.1**	**71**	**190**	**280**	**5.3**	**0.032J**	ND(0.015)	ND(0.017)
Hexavalent chromium	mg/Kg	2	40	--	--	**0.19J**	ND(0.17)	ND(0.17)	0.27J	ND(0.19)	ND(0.17)	ND(0.17)	ND(0.16)	**0.17J**	ND(0.16)	**0.16J**	**0.33**	**0.20J**	**0.31J**	**0.30J**	ND(0.17)	ND(0.23)	**0.49**	**0.46**	ND(0.24)	**0.69**	**13**	**15**	**18**	ND(0.20)	ND(0.22)	ND(0.23)	ND(0.27)
Chromium	mg/Kg	--	--	--	--	**24**	**24**	**21**	**24**	**25**	**21**	**20**	**21**	**20**	**18**	**22**	**21**	**20**	**19**	**15**	**23**	**96**	**32**	**32**	**36**	**34**	**44**	**56**	**53**	**26**	**47**	**31**	**62**
Percent Moisture	%	--	--	--	--	**9.2**	**7.9**	**10.2**	**11.6**	**23**	**13.7**	**11.8**	**7.8**	**8.8**	**8.2**	**8.9**	**7.7**	**10.8**	**8.3**	**9.0**	**10.4**	**34.3**	**35.1**	**33.9**	**36.9**	**39.6**	**45.2**	**36.9**	**36.2**	**26.2**	**31**	**35.3**	**42.8**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0047)	**0.011**	ND(0.0046)	ND(0.0034)	ND(0.0045)	ND(0.0053)	ND(0.0056)	ND(0.0043)	ND(0.0051)	ND(0.0047)	ND(0.0043)	ND(0.0050)	ND(0.0054)	ND(0.0050)	ND(0.0047)	ND(0.0055)	ND(0.0087)	ND(0.0061)	ND(0.0070)	ND(0.0067)	ND(0.0071)	ND(0.0074)	ND(0.0071)	ND(0.0068)	ND(0.0050)	ND(0.0060)	ND(0.0071)	ND(0.0090)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0047)	ND(0.0045)	ND(0.0046)	ND(0.0034)	ND(0.0045)	ND(0.0053)	ND(0.0056)	ND(0.0043)	ND(0.0051)	ND(0.0047)	ND(0.0043)	ND(0.0050)	ND(0.0054)	ND(0.0050)	ND(0.0047)	ND(0.0055)	ND(0.0087)	ND(0.0061)	ND(0.0070)	ND(0.0067)	ND(0.0071)	ND(0.0074)	ND(0.0071)	ND(0.0068)	ND(0.0050)	ND(0.0060)	ND(0.0071)	ND(0.0090)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0017)	ND(0.0022)	ND(0.0027)	ND(0.0028)	ND(0.0021)	ND(0.0025)	ND(0.0024)	ND(0.0022)	ND(0.0025)	ND(0.0027)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0043)	ND(0.0031)	ND(0.0035)	ND(0.0033)	ND(0.0036)	ND(0.0037)	ND(0.0036)	ND(0.0034)	ND(0.0025)	ND(0.0030)	ND(0.0036)	ND(0.0045)
Acetone	mg/Kg	0.8	16	--	--	**0.036**	**0.086**	ND(0.0074)	ND(0.0054)	ND(0.0071)	ND(0.0085)	ND(0.0089)	**0.022**	ND(0.0081)	ND(0.0075)	ND(0.0069)	ND(0.0080)	ND(0.0086)	ND(0.0080)	ND(0.0076)	ND(0.0087)	ND(0.014)	ND(0.0098)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.0080)	ND(0.0095)	ND(0.011)	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chlorate	mg/Kg	1.03	20.6	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	**0.0011J**	ND(0.0011)	**0.027**	**0.041**	**0.045**	**0.150**	**0.100**	**1.100**	**1.0**	**0.7**	**0.0038**	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00093)	**0.0011J**	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0047)	ND(0.0045)	ND(0.0046)	ND(0.0034)	ND(0.0045)	ND(0.0053)	ND(0.0056)	ND(0.0043)	ND(0.0051)	ND(0.0047)	ND(0.0043)	ND(0.0050)	ND(0.0054)	ND(0.0050)	ND(0.0047)	ND(0.0055)	ND(0.0087)	ND(0.0061)	ND(0.0070)	ND(0.0067)	ND(0.0071)	ND(0.0074)	ND(0.0071)	ND(0.0068)	ND(0.0050)	ND(0.0060)	ND(0.0071)	ND(0.0090)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(

Borehole U4U5-17 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																				
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	47.5'	50'	52.5'	55'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.12**	**0.17**	**0.048**	**0.081**	**0.22**	**0.47**	**0.74F1**	**3.2**	**3**	**5.5**	**3.2**	**3.2**	**2.9**	**6.4**	**6.3**	**2.3**	**12**	**6.3**	**7.3**	**5**	**3.6**	**6.3**	**9.8**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.19)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.18)	ND(0.16)	ND(0.18)	ND(0.17)	ND(0.23)	ND(0.16)	ND(0.16)	ND(0.19)	0.20J	ND(0.16)	ND(0.22)
Chromium	mg/Kg	--	--	--	--	**22**	**20**	**17**	**19**	**20**	**21**	**22**	**17**	**18**	**22**	**21**	**19**	**22**	**18**	**18**	**9.3**	**34**	**19**	**21**	**24**	**18**	**23**	**28**
Percent Moisture	%	--	--	--	--	**8.7**	**9.5**	**14.6**	**13.6**	**11.9**	**7.3**	**7.3**	**20.8**	**21**	**8.7**	**12.5**	**16.7**	**14.1**	**7.3**	**17**	**11.9**	**34.1**	**7.5**	**7.1**	**19.1**	**8.8**	**7.0**	**32.6**
VOCs																												
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	**0.0023**	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0047)	ND(0.0048)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0041)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0047)	ND(0.0048)	ND(0.0044)	ND(0.0042)	ND(0.0058)	ND(0.0045)	ND(0.0077)	ND(0.0039)	ND(0.0044)	ND(0.0051)	ND(0.0047)	ND(0.0044)	ND(0.0054)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0047)	ND(0.0048)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0041)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0047)	ND(0.0048)	ND(0.0044)	ND(0.0042)	ND(0.0058)	ND(0.0045)	ND(0.0077)	ND(0.0039)	ND(0.0044)	ND(0.0051)	ND(0.0047)	ND(0.0044)	ND(0.0054)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0022)	ND(0.0022)	ND(0.0024)	ND(0.0021)	ND(0.0026)	ND(0.0026)	ND(0.0021)	ND(0.0024)	ND(0.0024)	ND(0.0022)	ND(0.0021)	ND(0.0029)	ND(0.0022)	ND(0.0038)	ND(0.0019)	ND(0.0022)	ND(0.0026)	ND(0.0023)	ND(0.0022)	ND(0.0027)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0075)	ND(0.0076)	ND(0.0068)	ND(0.0069)	ND(0.0071)	**0.020**	ND(0.0066)	ND(0.0084)	ND(0.0084)	ND(0.0067)	ND(0.0076)	ND(0.0077)	ND(0.0070)	ND(0.0067)	ND(0.0093)	ND(0.0071)	ND(0.012)	ND(0.0062)	ND(0.0071)	ND(0.0082)	ND(0.0075)	**0.010J**	ND(0.0087)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Chlorate	mg/Kg	1.03	20.6	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	**0.012**
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0047)	ND(0.0048)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0041)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0047)	ND(0.0048)	ND(0.0044)	ND(0.0042)	ND(0.0058)	ND(0.0045)	ND(0.0077)	ND(0.0039)	ND(0.0044)	ND(0.0051)	ND(0.0047)	ND(0.0044)	ND(0.0054)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	**0.0072**	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Naphthalene	mg/Kg	4	80	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Nitrate as N	mg/Kg	7	140	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0094)	ND(0.0095)	ND(0.0085)	ND(0.0087)	ND(0.0088)	ND(0.0097)	ND(0.0083)	ND(0.010)	ND(0.010)	ND(0.0084)	ND(0.0094)	ND(0.0096)	ND(0.0088)	ND(0.0084)	ND(0.012)	ND(0.0089)	ND(0.015)	ND(0.0078)	ND(0.0089)	ND(0.010)	ND(0.0094)	ND(0.0088)	ND(0.011)
Sulfate	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)

Borehole U4U5-18 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.14**	**0.84**	**3.5**	**11**	**4.3**	**4.5**	**7.8**	**1.7**	**8.6**	**0.67**	**1.5**	**2.8**	**2.2**	**0.63**	**11**	**11**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.19)	ND(0.16)	ND(0.18)	ND(0.19)	ND(0.18)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	**5.0**	ND(0.19)
Chromium	mg/Kg	--	--	--	--	**25**	**21**	**21**	**17**	**16**	**18**	**16**	**17**	**18**	**18**	**14**	**16**	**14**	**21**	**35**	**26**
Percent Moisture	%	--	--	--	--	**10.8**	**10.6**	**13.9**	**13.4**	**13.9**	**21.6**	**8.4**	**15.8**	**22.7**	**16.4**	**7.8**	**6.6**	**6.8**	**12.9**	**25**	**20.7**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0066)	ND(0.0035)	ND(0.0048)	ND(0.0036)	ND(0.0035)	ND(0.0045)	ND(0.0045)	ND(0.0050)	ND(0.0059)	ND(0.0049)	ND(0.0054)	ND(0.0045)	ND(0.0046)	ND(0.0051)	ND(0.0063)	ND(0.0055)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0066)	ND(0.0035)	ND(0.0048)	ND(0.0036)	ND(0.0035)	ND(0.0045)	ND(0.0045)	ND(0.0050)	ND(0.0059)	ND(0.0049)	ND(0.0054)	ND(0.0045)	ND(0.0046)	ND(0.0051)	ND(0.0063)	ND(0.0055)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0033)	ND(0.0018)	ND(0.0024)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0024)	ND(0.0027)	ND(0.0022)	ND(0.0023)	ND(0.0025)	ND(0.0032)	ND(0.0027)
Acetone	mg/Kg	0.8	16	--	--	ND(0.010)	ND(0.0056)	**0.010J**	**0.0089J**	ND(0.0056)	ND(0.0072)	ND(0.0072)	ND(0.0080)	ND(0.0094)	ND(0.0078)	ND(0.0086)	ND(0.0071)	ND(0.0073)	ND(0.0081)	ND(0.010)	ND(0.0088)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	**0.0023J**	**0.0100**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0066)	ND(0.0035)	ND(0.0048)	ND(0.0036)	ND(0.0035)	ND(0.0045)	ND(0.0045)	ND(0.0050)	ND(0.0059)	ND(0.0049)	ND(0.0054)	ND(0.0045)	ND(0.0046)	ND(0.0051)	ND(0.0063)	ND(0.0055)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	**0.035**	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.013)	ND(0.0071)	ND(0.0095)	ND(0.0072)	ND(0.0071)	ND(0.0090)	ND(0.0090)	ND(0.010)	ND(0.012)	ND(0.0097)	ND(0.011)	ND(0.0089)	ND(0.0092)	ND(0.010)	ND(0.013)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00078)	ND(0.00095)	ND(0.0011)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-19 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.060F1**	**0.047**	**0.062**	ND(0.011)	**0.14**	**0.37F1**	**0.78**	**0.91**	**1**	**1.8**	**1.8**	**3.4**	**3.1**	**0.13**	**4.5**	**14**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.20)
Chromium	mg/Kg	--	--	--	--	**20**	**19**	**19**	**20**	**21**	**22**	**22**	**22**	**23**	**26**	**25**	**25**	**24**	**18**	**25**	**24**
Percent Moisture	%	--	--	--	--	**13.7**	**7.2**	**8.3**	**13.3**	**14.5**	**7.8**	**9.3**	**9.1**	**8.4**	**10.2**	**5.6**	**9.1**	**8.5**	**8.2**	**20.8**	**24.6**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	0.0012J	ND(0.00091)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	**0.0023**	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.019)	ND(0.0045)	ND(0.0045)	ND(0.0041)	ND(0.0038)	ND(0.0040)	ND(0.0047)	ND(0.0043)	ND(0.0041)	ND(0.0042)	ND(0.0041)	ND(0.0045)	ND(0.0053)	ND(0.0042)	ND(0.0051)	ND(0.0046)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.019)	ND(0.0045)	ND(0.0045)	ND(0.0041)	ND(0.0038)	ND(0.0040)	ND(0.0047)	ND(0.0043)	ND(0.0041)	ND(0.0042)	ND(0.0041)	ND(0.0045)	ND(0.0053)	ND(0.0042)	ND(0.0051)	ND(0.0046)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0093)	ND(0.0023)	ND(0.0023)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0022)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0021)	ND(0.0026)	ND(0.0023)
Acetone	mg/Kg	0.8	16	--	--	**0.050J**	ND(0.0072)	ND(0.0072)	**0.0074J**	**0.032**	ND(0.0063)	ND(0.0075)	ND(0.0069)	ND(0.0066)	ND(0.0067)	ND(0.0065)	ND(0.0072)	ND(0.0084)	ND(0.0066)	ND(0.0082)	ND(0.0073)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)*	ND(0.0019)*	ND(0.0017)*	ND(0.0017)*	ND(0.0017)*	ND(0.0016)*	ND(0.0018)*	ND(0.0021)*	ND(0.0017)*	ND(0.0021)	ND(0.0018)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	**0.0046**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.019)	ND(0.0045)	ND(0.0045)	ND(0.0041)	ND(0.0038)	ND(0.0040)	ND(0.0047)	ND(0.0043)	ND(0.0041)	ND(0.0042)	ND(0.0041)	ND(0.0045)	ND(0.0053)	ND(0.0042)	ND(0.0051)	ND(0.0046)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	**0.0019J**	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	**0.38**	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	**0.0022J**	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
Styrene	mg/Kg	0.2	4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.037)	ND(0.0090)	ND(0.0090)	ND(0.0081)	**0.036J**	ND(0.0079)	ND(0.0094)	ND(0.0086)	ND(0.0083)	ND(0.0083)	ND(0.0081)	ND(0.0090)	ND(0.011)	ND(0.0083)	ND(0.010)	ND(0.0091)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-20 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**9.2**	**5.5**	**9.3**	**10**	**49**	**100**	**90**	**2.6**	**51**	**93**	**33**	**0.31**	**8.5**	**2,200**	**1,200**	**110**
Hexavalent chromium	mg/Kg	2	40	--	--	**2.1**	**2.9**	**8.3**	**3.3**	**2.5**	**3.4**	**2.7**	**0.31J**	**5.5**	**3.9**	**4.8**	ND(0.19)	**1.3**	**170**	**78**	**5.7**
Chromium	mg/Kg	--	--	--	--	**51**	**60**	**200**	**41**	**43**	**24**	**24**	**14**	**27**	**27**	**20**	**15**	**61F1**	**220**	**140**	**34**
Percent Moisture	%	--	--	--	--	**6.0**	**9.7**	**8.2**	**11.6**	**8.7**	**9.4**	**9.1**	**19.7**	**14.5**	**23.8**	**10.5**	**23.1**	**14.5**	**40.9**	**28.1**	**26**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)F1	ND(0.0040)	ND(0.0028)	ND(0.0017)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0041)	ND(0.0054)	ND(0.0041)	ND(0.0050)	ND(0.0047)	ND(0.0049)	ND(0.0043)	ND(0.0051)	ND(0.0040)	ND(0.0054)	ND(0.0047)	ND(0.0051)	ND(0.0046)	ND(0.010)	ND(0.0069)	ND(0.0044)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0041)	ND(0.0054)	ND(0.0041)	ND(0.0050)	ND(0.0047)	ND(0.0049)	ND(0.0043)	ND(0.0051)	ND(0.0040)	ND(0.0054)	ND(0.0047)	ND(0.0051)	ND(0.0046)	ND(0.010)	ND(0.0069)	ND(0.0044)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0021)	ND(0.0027)	ND(0.0021)	ND(0.0025)	ND(0.0023)	ND(0.0024)	ND(0.0022)	ND(0.0025)	ND(0.0020)	ND(0.0027)	ND(0.0023)	ND(0.0026)	ND(0.0023)F1	ND(0.0050)	ND(0.0035)	ND(0.0022)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0066)	ND(0.0087)	ND(0.0066)	ND(0.0080)	ND(0.0074)	ND(0.0078)	ND(0.0069)	**0.0084J**	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.0082)	ND(0.0073)F2	ND(0.016)	ND(0.011)	ND(0.0070)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)F1	ND(0.0040)	ND(0.0028)	ND(0.0017)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0022**	**0.0042**	**0.0076**	**0.0046**	**0.0053**	**0.0098**	**0.015**	**0.007**	**0.0036**	**0.02**	**0.009**	**0.0037**	**0.0055**	**0.14**	**0.079**	**0.21**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0041)	ND(0.0054)	ND(0.0041)	ND(0.0050)	ND(0.0047)	ND(0.0049)	ND(0.0043)	ND(0.0051)	ND(0.0040)	ND(0.0054)	ND(0.0047)	ND(0.0051)	ND(0.0046)	ND(0.010)	ND(0.0069)	ND(0.0044)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.013)	ND(0.011)	ND(0.0082)	ND(0.010)	ND(0.0093)	ND(0.0097)	ND(0.0087)	ND(0.010)	ND(0.0079)	ND(0.011)	ND(0.0094)	ND(0.010)	ND(0.0091)	ND(0.02)	ND(0.014)	ND(0.0087)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-21 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**29**	**29**	**78**	**71**	**63**	**480**	**260**	**2,600**	**500**	**540**	**180**	**80**
Hexavalent chromium	mg/Kg	2	40	--	--	**16**	**13**	**62**	**19**	**21**	**81**	**29**	**380**	**33**	**19**	**7.4**	**3.6**
Chromium	mg/Kg	--	--	--	--	**70**	**68**	**1.10E+03**	**74**	**57**	**190**	**52**	**760**	**81F1**	**130**	**53**	**52**
Percent Moisture	%	--	--	--	--	**9.4**	**9.2**	**13.4**	**15.8**	**17.3**	**7.7**	**24.8**	**35.6**	**37.5**	**39.8**	**37.2**	**41.3**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)*	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)*	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0048)	ND(0.0047)	ND(0.0041)	ND(0.0047)	ND(0.0048)	**0.016**	**0.054**	ND(0.0076)	ND(0.0073)	ND(0.0084)	ND(0.0073)	ND(0.0078)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0048)	ND(0.0047)	ND(0.0041)	ND(0.0047)	ND(0.0048)	ND(0.0045)	ND(0.0061)	ND(0.0076)	ND(0.0073)	ND(0.0084)	ND(0.0073)	ND(0.0078)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0023)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0038)	ND(0.0037)	ND(0.0042)	ND(0.0037)	ND(0.0039)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0076)	ND(0.0076)	ND(0.0066)	ND(0.0075)	**0.013J**	**0.064**	**0.24**	**0.13**	ND(0.012)	ND(0.013)	ND(0.012)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	**0.0016J**	**0.0024J**	**0.0021J**	ND(0.0015)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	**0.0034J**	**0.0054J**	**0.0068J**	**0.0045J**	ND(0.0029)	ND(0.0031)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0063**	**0.0076**	**0.019**	**0.016**	**0.022**	**0.070**	**0.220**	**0.740**	**0.780**	**0.940**	**0.550**	**1.000**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	**0.0012J**	**0.0025J**	**0.003**	**0.0021J**	ND(0.0015)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0047)	ND(0.0041)	ND(0.0047)	ND(0.0048)	ND(0.0045)	ND(0.0061)	ND(0.0076)	ND(0.0073)	ND(0.0084)	ND(0.0073)	ND(0.0078)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0095)	ND(0.0095)	ND(0.0083)	ND(0.0093)	ND(0.0096)	ND(0.0090)	ND(0.012)	ND(0.015)	ND(0.015)	ND(0.017)	ND(0.015)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	**0.0036**	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	**0.0017J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-22 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**24**	**29**	**25**	**8.6**	**2.4**	**1.4**	**1.5**	**7.5**	**21**	**46**	**300**	**690**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.3**	**1.8**	**1.1**	**1.3**	**1.4**	**0.45**	**0.72**	**7.2**	**2.6**	**3.2**	**10**	**20**
Chromium	mg/Kg	--	--	--	--	**29**	**52**	**60**	**55**	**40**	**20**	**31**	**82**	**59**	**52**	**67**	**89**
Percent Moisture	%	--	--	--	--	**9.7**	**10.1**	**14.2**	**13.1**	**13.1**	**6.7**	**9.3**	**31.6**	**38.9**	**37**	**40.3**	**43**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0051)	ND(0.0052)	ND(0.0045)	ND(0.0049)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0068)	ND(0.0074)	ND(0.0074)	ND(0.0073)	ND(0.0079)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0051)	ND(0.0052)	ND(0.0045)	ND(0.0049)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0068)	ND(0.0074)	ND(0.0074)	ND(0.0073)	ND(0.0079)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0024)	ND(0.0026)	ND(0.0022)	ND(0.0022)	ND(0.0034)	ND(0.0037)	ND(0.0037)	ND(0.0037)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0081)	ND(0.0084)	ND(0.0071)	ND(0.0078)	ND(0.0084)	ND(0.0071)F1	ND(0.0070)	**0.023J**	ND(0.012)	**0.032**	ND(0.012)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0067**	**0.0073**	**0.056**	ND(0.00098)	**0.020**	**0.055F2 F1**	**0.032**	**0.52**	**0.64**	**0.20**	**0.43**	**0.78**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	**0.0014J**	**0.0017J**	ND(0.0015)	ND(0.0015)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0052)	ND(0.0045)	ND(0.0049)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0068)	ND(0.0074)	ND(0.0074)	ND(0.0073)	ND(0.0079)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.0089)	ND(0.0098)	ND(0.010)	ND(0.0089)	ND(0.0088)	ND(0.014)	ND(0.015)	ND(0.015)	ND(0.015)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	**0.0035**	ND(0.00089)F1	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-23 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**410**	**420**	**32**	**18**	**1.6**	**1.7**	**0.60**	**15**	**0.59**	**3.1**	**3.4**	**3.1**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.2**	**1.8**	**1.8**	**0.65**	**0.37**	**0.87**	**1.8**	**0.30J**	ND(0.17)	**0.87**	**1.1**	**0.23J**
Chromium	mg/Kg	--	--	--	--	**61**	**120**	**39**	**32**	**27**	**27**	**25**	**17**	**16**	**45**	**54**	**18**
Percent Moisture	%	--	--	--	--	**9.7**	**8.9**	**16.9**	**12.5**	**9.6**	**11.6**	**24.1**	**22.2**	**7.8**	**35.7**	**22.9**	**13.9**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	**0.0015J**
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0049)	ND(0.0042)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0052)	ND(0.0054)	ND(0.0042)	ND(0.0084)	ND(0.0057)	ND(0.0053)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0049)	ND(0.0042)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0052)	ND(0.0054)	ND(0.0042)	ND(0.0084)	ND(0.0057)	ND(0.0053)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0021)	ND(0.0022)	ND(0.0026)	ND(0.0027)	ND(0.0021)	ND(0.0042)	ND(0.0028)	ND(0.0026)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0078)	ND(0.0067)	ND(0.0067)	ND(0.0072)	ND(0.0068)	ND(0.0069)	ND(0.0083)	ND(0.0087)	**0.0080J**	ND(0.013)	ND(0.0091)	**0.011J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0053**	**0.0022**	**0.024**	**0.0080**	**0.012**	**0.099**	**0.11**	**0.042**	**0.0066**	**0.78**	**0.066**	**0.059**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0049)	ND(0.0042)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0052)	ND(0.0054)	ND(0.0042)	ND(0.0084)	ND(0.0057)	ND(0.0053)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	**0.0027J**	ND(0.0017)	ND(0.0034)	ND(0.0023)	**0.0045J**
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0098)	ND(0.0083)	ND(0.0083)	ND(0.0090)	ND(0.0084)	ND(0.0086)	ND(0.010)	ND(0.011)	ND(0.0083)	ND(0.017)	ND(0.011)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	**0.0020**	**0.0016J**	ND(0.0011)	ND(0.00083)	**0.0051**	ND(0.0011)	ND(0.0011)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	**0.0034**	**0.0035**	**0.0044**	**0.0033**	**0.0046**	**0.0021J**	**0.0014J**
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-24 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**23**	**28**	**50**	**50**	**86**	**34**	**51**	**110**	**220**	**100**	**51**	**100**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.66**	**0.70**	**0.96**	**0.36**	**0.38**	**0.47**	**0.76**	**0.46**	**0.98**	**0.90F1**	**1.2**	**2.9**
Chromium	mg/Kg	--	--	--	--	**19**	**23**	**22**	**20**	**18**	**26**	**32**	**52**	**80**	**44**	**36**	**59**
Percent Moisture	%	--	--	--	--	**9.3**	**10.1**	**15.2**	**12.2**	**18.6**	**18.5**	**28.1**	**30.9**	**49.2**	**36.2**	**36.5**	**39.9**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0040)	ND(0.0048)	ND(0.0044)	ND(0.0040)	ND(0.0045)	ND(0.0051)	ND(0.0065)	ND(0.0062)	ND(0.0095)	ND(0.0071)F2	ND(0.0063)	ND(0.0068)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0040)	ND(0.0048)	ND(0.0044)	ND(0.0040)	ND(0.0045)	ND(0.0051)	ND(0.0065)	ND(0.0062)	ND(0.0095)	ND(0.0071)F2	ND(0.0063)	ND(0.0068)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0020)	ND(0.0024)	ND(0.0022)	ND(0.0020)	ND(0.0023)	ND(0.0025)	ND(0.0032)	ND(0.0031)	ND(0.0048)	ND(0.0036)F2	ND(0.0031)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0065)	ND(0.0076)	ND(0.0070)	ND(0.0064)	**0.0079J**	ND(0.0082)	ND(0.010)	ND(0.0099)	ND(0.015)	ND(0.011)	ND(0.010)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00081)	ND(0.00096)	**0.0057**	**0.004**	**0.0042**	**0.049**	**0.018**	**0.0081**	**0.011**	**0.091F2 F1**	**0.14**	**0.046**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)	ND(0.0025)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2 F1	ND(0.0025)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0040)	ND(0.0048)	ND(0.0044)	ND(0.0040)	ND(0.0045)	ND(0.0051)	ND(0.0065)	ND(0.0062)	ND(0.0095)	ND(0.0071)F2	ND(0.0063)	ND(0.0068)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	**0.0017J**	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0081)	ND(0.0096)	ND(0.0087)	ND(0.0080)	ND(0.0091)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.019)	ND(0.014)F2	ND(0.013)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)	ND(0.0013)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2 F1	ND(0.0025)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance. b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-25 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**110**	**100**	**25**	**2.9**	**3.3**	**4.5**	**30**	**33.0**	**82**	**1,100**	**550**	**840**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.1**	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	**0.35**	**0.74**	**0.31J**	**0.56**	**1.3**
Chromium	mg/Kg	--	--	--	--	**34**	**19**	**16**	**17**	**17**	**16**	**18**	**16**	**12**	**25**	**25**	**33**	**39**
Percent Moisture	%	--	--	--	--	**7.6**	**8.7**	**14.8**	**9.5**	**8.5**	**8.5**	**8.3**	**6.7**	**13.5**	**19.4**	**18.7**	**36.5**	**40.0**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)*	ND(0.0011)*	ND(0.00099)*	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0054)	ND(0.0056)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0054)	ND(0.0058)	ND(0.0068)	ND(0.0058)	ND(0.0071)	ND(0.011)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0054)	ND(0.0056)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0054)	ND(0.0058)	ND(0.0068)	ND(0.0058)	ND(0.0071)	ND(0.011)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0027)	ND(0.0028)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0034)	ND(0.0029)	ND(0.0036)	ND(0.0054)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0087)	ND(0.0089)	ND(0.0079)	**0.036**	ND(0.0078)	**0.083**	ND(0.0076)	ND(0.0086)	ND(0.0093)	ND(0.011)	**0.026**	ND(0.011)	ND(0.017)F1
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0023**	ND(0.0011)	ND(0.00099)	**0.0017J**	**0.0026**	**0.0033**	**0.0030**	**0.0019J**	**0.0019J**	**0.050**	**0.025**	**0.019**	**0.016**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0054)	ND(0.0056)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0054)	ND(0.0058)	ND(0.0068)	ND(0.0058)	ND(0.0071)	ND(0.011)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)*	ND(0.0022)*	ND(0.0020)*	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.0099)	ND(0.011)	ND(0.0097)	**0.010J ID**	ND(0.0095)	ND(0.011)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.014)	ND(0.022)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	**0.0012J**	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-26 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.15**	**0.17F1**	**0.47**	**1.1**	**0.60**	**2.4**	**2.6**	**4.6**	**4.2**	**5.3**	**4.1**	**14**	**25**	**18**	**27**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.20J**	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.062)	ND(0.21)	ND(0.18)	ND(0.21)
Chromium	mg/Kg	--	--	--	--	**22**	**20**	**22**	**21**	**22**	**19**	**20**	**20**	**19**	**16**	**16**	**27**	**64**	**23**	**22**
Percent Moisture	%	--	--	--	--	**6.5**	**8.7**	**13.6**	**14.5**	**12.6**	**9.0**	**8.3**	**7.7**	**7.6**	**7.6**	**5.7**	**20.2**	**27.1**	**16.2**	**28.4**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0037)	ND(0.0034)	ND(0.0041)	ND(0.0039)	ND(0.0040)	ND(0.0046)	ND(0.0048)	ND(0.0050)	ND(0.0041)	ND(0.0047)	ND(0.0049)	ND(0.0063)	ND(0.0070)	ND(0.0059)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0037)	ND(0.0034)	ND(0.0041)	ND(0.0039)	ND(0.0040)	ND(0.0046)	ND(0.0048)	ND(0.0050)	ND(0.0041)	ND(0.0047)	ND(0.0049)	ND(0.0063)	ND(0.0070)	ND(0.0059)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0020)	ND(0.0023)	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0023)	ND(0.0024)	ND(0.0031)	ND(0.0035)	ND(0.0030)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0059)	ND(0.0055)	ND(0.0066)	ND(0.0062)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0079)	ND(0.0066)	ND(0.0075)	ND(0.0078)	ND(0.010)	ND(0.011)	ND(0.0095)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.0034)	ND(0.0041)	ND(0.0039)	ND(0.0040)	ND(0.0046)	ND(0.0048)	ND(0.0050)	ND(0.0041)	ND(0.0047)	ND(0.0049)	ND(0.0063)	ND(0.0070)	ND(0.0059)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0074)	ND(0.0069)	ND(0.0082)	ND(0.0077)	ND(0.0081)	ND(0.0091)	ND(0.0095)	ND(0.0099)	ND(0.0083)	ND(0.0094)	ND(0.0098)	ND(0.013)	ND(0.014)	ND(0.012)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-27 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																							
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	40'	50'	60'	68.5'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**17**	**0.36**	**0.19**	**0.18F1**	**0.15**	**0.11**	**0.15F1**	**0.055**	**0.10**	**0.11**	**0.91**	**0.51**	**1.1**	**0.87**	**0.53**	**130**	**1.2**	**0.93**	**0.72**	**3.5**	**160**	**350**	**1,200**	**1,200**	**25**	**3.9**	**0.27**	**0.034J**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.55**	ND(0.16)	ND(0.17)	**0.27J**	**0.19J**	ND(0.17)	ND(0.17)F1	ND(0.16)	ND(0.17)	ND(0.16)	**0.27J**	ND(0.25)	**0.24J**	ND(0.20)	ND(0.26)	**3.5**	ND(0.23)	ND(0.22)	**0.54**	ND(0.20)	**5.5**	**16**	**50**	**41**	ND(0.25)	ND(0.25)	ND(0.24)	ND(0.22)
Chromium	mg/Kg	--	--	--	--	**33**	**17**	**19**	**21**	**22**	**19**	**19**	**22**	**18**	**18**	**59**	**36**	**35**	**23**	**35**	**40**	**38**	**55**	**13**	**19**	**23**	**54**	**79**	**82**	**46**	**58**	**46**	**32**
Percent Moisture	%	--	--	--	--	**7.9**	**7.7**	**9.0**	**12.4**	**21.5**	**10.4**	**9.8**	**7.3**	**10.1**	**8.3**	**37.6**	**40.2**	**37.1**	**26.8**	**41.3**	**44.5**	**33.5**	**32.4**	**24.5**	**23.5**	**31.9**	**35.8**	**32.0**	**36.5**	**39.0**	**40.3**	**38.4**	**33.6**
VOCs																																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)*	ND(0.0016)*	ND(0.0017)*	ND(0.0018)*
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)F2	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)*	ND(0.0012)*	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	**0.0013J**	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)*	ND(0.0024)*	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	**0.0014J**	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0051)	ND(0.0054)	ND(0.0050)	ND(0.0051)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.011)	ND(0.0073)	ND(0.0090)	ND(0.0067)	ND(0.0093)	ND(0.0092)	ND(0.0068)	ND(0.0060)	ND(0.0057)	ND(0.0057)	ND(0.0063)	ND(0.0073)	ND(0.0058)	ND(0.0097)	ND(0.0076)	ND(0.0079)	ND(0.0083)	ND(0.0089)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0051)	ND(0.0054)	ND(0.0050)	ND(0.0051)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.011)	ND(0.0073)	ND(0.0090)	ND(0.0067)	ND(0.0093)	ND(0.0092)	ND(0.0068)	ND(0.0060)	ND(0.0057)	ND(0.0057)	ND(0.0063)	ND(0.0073)	ND(0.0058)	ND(0.0097)	ND(0.0076)	ND(0.0079)	ND(0.0083)	ND(0.0089)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0028)	ND(0.0028)	ND(0.0030)	ND(0.0026)	ND(0.0027)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0029)	ND(0.0023)	ND(0.0053)	ND(0.0037)	ND(0.0045)	ND(0.0034)	ND(0.0047)	ND(0.0046)	ND(0.0034)	ND(0.0030)	ND(0.0028)	ND(0.0028)	ND(0.0031)	ND(0.0037)	ND(0.0029)	ND(0.0049)	ND(0.0038)	ND(0.0039)	ND(0.0041)	ND(0.0044)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0088)	ND(0.0091)	ND(0.0097)	ND(0.0082)	ND(0.0087)	**0.021**	**0.020**	ND(0.0083)	ND(0.0094)	ND(0.0072)	**0.030J**	ND(0.012)	ND(0.014)	ND(0.011)	ND(0.015)	ND(0.015)	ND(0.011)	ND(0.0096)	ND(0.0091)	**0.036**	ND(0.010)	ND(0.012)	ND(0.0093)	ND(0.016)	ND(0.012)	ND(0.013)	**0.053**	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	**0.0018J**	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)*	ND(0.0031)*	ND(0.0033)*	ND(0.0035)*
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	**0.0020J**	**0.0026J**	**0.0029J**	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	**0.0011J**	**0.0043**	**0.0011J**	**0.013**	**0.0053**	**0.0044**	**0.0038**	**0.0094**	**0.0045**	**0.091**	**0.016**	**0.180**	**0.130**	**0.130**	**0.230**	**0.0048**	**0.0031**	**0.0034**	**0.010**	**0.350**	**1.200**	**2.200**	**2.100**	**0.0050**	ND(0.0016)	ND(0.0017)	ND(0.0018)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)*	ND(0.0019) *	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)*	ND(0.0012)*	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	**0.0015J**	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0051)	ND(0.0054)	ND(0.0050)	ND(0.0051)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.011)	ND(0.0073)	ND(0.0090)	ND(0.0067)	ND(0.0093)	ND(0.0092)	ND(0.0068)	ND(0.0060)	ND(0.0057)	ND(0.0057)	ND(0.0063)	ND(0.0073)	ND(0.0058)	ND(0.0097)	ND(0.0076)	ND(0.0079)	ND(0.0083)	ND(0.0089)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0

Borehole U4U5-28 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**50**	**7.2**	**13**	**34**	**43**	**230**	**230**	**360**	**330**	**330**	**850**	**900**	**2,500**	**1,700**	**2,300**
Hexavalent chromium	mg/Kg	2	40	--	--	**6.1**	**2.1**	**13**	**14**	**19**	**46**	**51**	**54**	**48**	**46**	**130**	**100**	**280**	**110**	**210**
Chromium	mg/Kg	--	--	--	--	**73**	**43**	**52**	**53**	**46**	**88F1**	**71**	**110**	**92**	**89**	**170**	**130**	**410**	**190**	**280**
Percent Moisture	%	--	--	--	--	**8.7**	**9.4**	**8.4**	**11.3**	**14.6**	**7.8**	**7.0**	**7.9**	**7.0**	**6.8**	**7.9**	**6.2**	**16.8**	**29.7**	**35.3**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)F1	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0057)	ND(0.0046)	ND(0.0043)	ND(0.0046)	ND(0.0059)	ND(0.0039)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0046)	ND(0.0049)	ND(0.0045)	ND(0.0060)	ND(0.0051)	ND(0.0064)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0057)	ND(0.0046)	ND(0.0043)	ND(0.0046)	ND(0.0059)	ND(0.0039)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0046)	ND(0.0049)	ND(0.0045)	ND(0.0060)	ND(0.0051)	ND(0.0064)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0029)	ND(0.0023)	ND(0.0021)	ND(0.0023)	ND(0.0029)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0025)	ND(0.0023)	ND(0.0030)	ND(0.0025)	ND(0.0032)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0091)	ND(0.0073)	ND(0.0068)	ND(0.0074)	ND(0.0094)	**0.034**	ND(0.0065)	**0.022**	**0.053**	**0.0087J**	**0.033**	**0.017J**	**0.044**	ND(0.0081)	**0.042**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0017J**	**0.0037**	**0.0026**	**0.0027**	**0.0037**	**0.0028**	**0.0027**	**0.0098**	**0.0050**	**0.0036**	**0.0064**	**0.0064**	**0.032**	**0.170**	**0.120**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)F1 F2	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0057)	ND(0.0046)	ND(0.0043)	ND(0.0046)	ND(0.0059)	ND(0.0039)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0046)	ND(0.0049)	ND(0.0045)	ND(0.0060)	ND(0.0051)	ND(0.0064)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)F1	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.0092)	ND(0.0085)	ND(0.0092)	ND(0.012)	ND(0.0078)	ND(0.0081)	ND(0.0086)	ND(0.0080)	ND(0.0091)	**0.018J**	ND(0.0090)	ND(0.012)	ND(0.010)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	**0.00093J**	ND(0.0012)	ND(0.0010)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-29 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**51**	**65**	**16**	**4**	**11**	**9**	**20**	**16**	**21**	**17**	**14**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**0.99**	**1.3**	**0.72**	**0.85**	**0.39**	**0.62**	**1.8**	**1.6**	**1.8**	**1.4**
Chromium	mg/Kg	--	--	--	--	**28**	**43**	**33**	**24**	**30**	**16**	**42**	**44**	**72**	**100**	**32**
Percent Moisture	%	--	--	--	--	**9.9**	**9.1**	**14.6**	**7.9**	**13.3**	**12.8**	**28.2**	**39.2**	**38.9**	**38**	**32.3**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)*	ND(0.0032)*	ND(0.0033)*	ND(0.0027)*	ND(0.0026)*
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)*	ND(0.0016)*	ND(0.0017)*	ND(0.0013)*	ND(0.0013)*
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0058)	ND(0.0055)	ND(0.0043)	ND(0.0062)	ND(0.0046)	ND(0.0046)	ND(0.0058)	ND(0.0081)	ND(0.0083)	ND(0.0067)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0058)	ND(0.0055)	ND(0.0043)	ND(0.0062)	ND(0.0046)	ND(0.0046)	ND(0.0058)	ND(0.0081)	ND(0.0083)	ND(0.0067)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0029)	ND(0.0027)	ND(0.0021)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0029)	ND(0.0040)	ND(0.0041)	ND(0.0033)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0092)	ND(0.0088)	ND(0.0069)	ND(0.0099)	ND(0.0074)	ND(0.0073)	ND(0.0093)	ND(0.013)	ND(0.013)	ND(0.011)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.010**	**0.0074**	**0.034**	**0.017**	**0.040**	**0.052**	**0.110**	**0.440**	**0.960**	**0.950**	**0.640**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0058)	ND(0.0055)	ND(0.0043)	ND(0.0062)	ND(0.0046)	ND(0.0046)	ND(0.0058)	ND(0.0081)	ND(0.0083)	ND(0.0067)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0022)	**0.0027J**	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.012)	ND(0.011)	ND(0.0086)	ND(0.012)	ND(0.0092)	ND(0.0091)	ND(0.012)	ND(0.016)	ND(0.017)	ND(0.013)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	**0.0026**	**0.0040**	**0.0022**	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-30 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**70**	**62**	**100**	**730**	**610**	**300**	**340**	**1,100**	**570**	**160**	**180**	**18**
Hexavalent chromium	mg/Kg	2	40	--	--	**9.6**	**16**	**14**	**30**	**51**	**31**	**24**	**130**	**17F1**	**4.4**	**9.8**	**0.96**
Chromium	mg/Kg	--	--	--	--	**150**	**84**	**38**	**130**	**190**	**72**	**70**	**190**	**67**	**72**	**89**	**96**
Percent Moisture	%	--	--	--	--	**18.1**	**11.3**	**8.2**	**14.3**	**21.8**	**6.5**	**6.0**	**37**	**37.4**	**39**	**39.4**	**42.9**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)F2	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)F2	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)*	ND(0.0023)*	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0052)	ND(0.0049)	ND(0.0040)	ND(0.0052)	ND(0.0057)	ND(0.0042)	ND(0.0043)	ND(0.0073)	ND(0.0077)	ND(0.0070)	ND(0.0076)	ND(0.0085)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0052)	ND(0.0049)	ND(0.0040)	ND(0.0052)	ND(0.0057)	ND(0.0042)	ND(0.0043)	ND(0.0073)	ND(0.0077)	ND(0.0070)	ND(0.0076)	ND(0.0085)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0021)	ND(0.0022)	ND(0.0036)	ND(0.0039)	ND(0.0035)	ND(0.0038)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0084)	ND(0.0078)	**0.032**	**0.013J**	**0.011J**	ND(0.0068)	ND(0.0069)	**0.020J**	ND(0.012)	ND(0.011)	**0.014J**	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	**0.0028J**	ND(0.0031)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0085**	**0.0053**	**0.0120**	**0.013**	**0.0089**	**0.016**	**0.018**	**0.130**	**0.094F1 F2**	**0.580**	**0.240**	**0.510**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0049)	ND(0.0040)	ND(0.0052)	ND(0.0057)	ND(0.0042)	ND(0.0043)	ND(0.0073)	ND(0.0077)	ND(0.0070)	ND(0.0076)	ND(0.0085)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0020)	**0.012**	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.0098)	ND(0.0080)	ND(0.010)	ND(0.011)	ND(0.0085)	ND(0.0086)	ND(0.015)	ND(0.015)	ND(0.014)	ND(0.015)	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-31 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																				
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**5.2**	**2.7**	**180**	**8.4**	**5.5**	**4.7**	**18**	**10**	**13**	**48**	**55**	**64**	**3.7**	**1.9**	**6.1**	**31**	**500**	**2,100**	**3,800**	**1,700**	**19**	**0.019J**	**0.35**
Hexavalent chromium	mg/Kg	2	40	--	--	**7.3**	**0.70**	**1.6**	**0.45**	**0.89**	**0.40**	**1.4**	**0.48**	**0.91**	**1.3**	**3.0**	**2.1**	**0.44J**	**0.24J**	**0.40J**	**1.1**	**25**	**56**	**53**	**62**	ND(0.21)	ND(0.26)	ND(0.25)
Chromium	mg/Kg	--	--	--	--	**33**	**53**	**48**	**34**	**37**	**19**	**64**	**29**	**48**	**60**	**66**	**45**	**47**	**33**	**44**	**31**	**58**	**110**	**91**	**87**	**31**	**57**	**31**
Percent Moisture	%	--	--	--	--	**11.6**	**12.6**	**15.6**	**18.6**	**17.4**	**21.1**	**36.5**	**22.7**	**24.6**	**45.1**	**35.4**	**40.5**	**36.8**	**32.6**	**35.2**	**31.7**	**30.4**	**35.6**	**37.5**	**42.3**	**30.3**	**43.5**	**41.3**
VOCs																												
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0044)	ND(0.0060)	ND(0.012)	ND(0.0047)	ND(0.0052)	ND(0.0061)	ND(0.010)	ND(0.0060)	ND(0.0065)	ND(0.010)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0063)	ND(0.0065)	ND(0.0062)	ND(0.0053)	ND(0.0068)	ND(0.0070)	ND(0.0080)	ND(0.0061)	ND(0.0078)	ND(0.0079)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0044)	ND(0.0060)	ND(0.012)	ND(0.0047)	ND(0.0052)	ND(0.0061)	ND(0.010)	ND(0.0060)	ND(0.0065)	ND(0.010)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0063)	ND(0.0065)	ND(0.0062)	ND(0.0053)	ND(0.0068)	ND(0.0070)	ND(0.0080)	ND(0.0061)	ND(0.0078)	ND(0.0079)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0022)	ND(0.0030)	ND(0.0061)	ND(0.0023)	ND(0.0026)	ND(0.0031)	ND(0.0051)	ND(0.0030)	ND(0.0033)	ND(0.0051)	ND(0.0033)	ND(0.0036)	ND(0.0038)	ND(0.0032)	ND(0.0032)	ND(0.0031)	ND(0.0026)	ND(0.0034)	ND(0.0035)	ND(0.0040)	ND(0.0030)	ND(0.0039)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0070)	ND(0.0095)	ND(0.02)	ND(0.0075)	ND(0.0084)	ND(0.0098)	ND(0.016)	ND(0.0096)	ND(0.010)	ND(0.016)	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.0099)	ND(0.0084)	ND(0.011)	ND(0.011)	**0.055**	**0.026**	**0.058**	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)*
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	**0.0048**	**0.0075**	**0.0029**	**0.0024J**	ND(0.0012)	ND(0.0016)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	**0.0045J**	**0.0038J**	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	**0.0015J**	ND(0.0014)	ND(0.0014)	0.0022J	ND(0.0012)	ND(0.0016)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0021**	**0.0014J**	**0.062**	**0.058**	**0.016**	**0.220**	**0.430**	**0.038**	**0.096**	**0.640**	**0.520**	**0.700**	**0.009**	**0.0048**	**0.011**	**0.054**	**2.500**	**2.900**	**3.000**	**2.200**	ND(0.0011)	ND(0.0016)	**0.0057**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)*
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	**0.0025**	**0.0027**	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0044)	ND(0.0060)	ND(0.012)	ND(0.0047)	ND(0.0052)	ND(0.0061)	ND(0.010)	ND(0.0060)	ND(0.0065)	ND(0.010)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0063)	ND(0.0065)	ND(0.0062)	ND(0.0053)	ND(0.0068)	ND(0.0070)	ND(0.0080)	ND(0.0061)	ND(0.0078)	ND(0.0079)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0087)	ND(0.012)	ND(0.025)	ND(0.0093)	ND(0.010)	ND(0.012)	ND(0.02)	ND(0.012)	ND(0.013)	ND(0.02)	ND(0.013)	ND(0.015)	ND(0.015)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.014)	ND(0.014)	ND(0.016)	ND(0.012)	ND(0.016)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	**0.0030**	**0.0041**	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	**0.0019J**	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Toluene	mg/

Borehole U4U5-32 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**340**	**300**	**190**	**18**	**71**	**180F2**	**110**	**140**	**980**	**1,200**	**280**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.57**	**0.99**	**0.45**	**0.20J**	**4.4**	**0.39**	**0.45**	**0.30J**	**8.9F1**	**21.0**	**4.8**
Chromium	mg/Kg	--	--	--	--	**25**	**21**	**26**	**16**	**14**	**12**	**26**	**28**	**63**	**67**	**52**
Percent Moisture	%	--	--	--	--	**12.1**	**10**	**14**	**11.9**	**6.4**	**16.2**	**13.3**	**17.1**	**37.6**	**37.7**	**39.1**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)F1 F2	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)F1 F2	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)*	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0043)	ND(0.0047)	ND(0.0052)	ND(0.0046)	ND(0.0042)	ND(0.0049)	ND(0.0044)	ND(0.0047)	ND(0.0075)	ND(0.0070)	ND(0.0075)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0043)	ND(0.0047)	ND(0.0052)	ND(0.0046)	ND(0.0042)	ND(0.0049)	ND(0.0044)	ND(0.0047)	ND(0.0075)	ND(0.0070)	ND(0.0075)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0022)	ND(0.0024)	ND(0.0026)	ND(0.0023)	ND(0.0021)	ND(0.0025)	ND(0.0022)	ND(0.0024)	ND(0.0037)	ND(0.0035)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0069)	ND(0.0076)	ND(0.0084)	ND(0.0074)	ND(0.0068)	ND(0.0079)	ND(0.0070)	ND(0.0076)	ND(0.012)	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	**0.0016J**	**0.0049**	**0.0024**	**0.0072**	**0.024F1**	**0.011**	**0.0067**	**0.030**	**0.024**	**0.210**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0047)	ND(0.0052)	ND(0.0046)	ND(0.0042)	ND(0.0049)	ND(0.0044)	ND(0.0047)	ND(0.0075)	ND(0.0070)	ND(0.0075)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0086)	ND(0.0095)	ND(0.010)	ND(0.0092)	ND(0.0085)	ND(0.0098)	ND(0.0088)	ND(0.0094)	ND(0.015)	ND(0.014)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-33 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**8.9**	**92.0**	**130**	**44**	**60**	**190**	**190**	**230.0**	**34**	**320**	**81**	**600**	**1,300**	**970**	**1,600**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	**0.86**	ND(0.21)	**0.17J**	ND(0.17)	ND(0.17)	**0.19J**	**0.19J**	**0.22J**	ND(0.19)	ND(0.19)	ND(0.18)	**0.38J**	**0.27J**	ND(0.26)
Chromium	mg/Kg	--	--	--	--	**6.3**	**25**	**26**	**18**	**13**	**16**	**15**	**15**	**12**	**12**	**12**	**18**	**24**	**25**	**32**
Percent Moisture	%	--	--	--	--	**5.0**	**12.3**	**29.7**	**13.5**	**13.1**	**8.8**	**6.7**	**6.0**	**11.4**	**21.9**	**20.5**	**15.2**	**33.0**	**33.1**	**41.4**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0057)	ND(0.0059)	ND(0.0067)	ND(0.0045)	ND(0.0061)	ND(0.0045)	ND(0.0044)	ND(0.0050)	ND(0.0048)	ND(0.0051)	ND(0.0052)	ND(0.0044)	ND(0.0074)	ND(0.0067)	ND(0.0084)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0057)	ND(0.0059)	ND(0.0067)	ND(0.0045)	ND(0.0061)	ND(0.0045)	ND(0.0044)	ND(0.0050)	ND(0.0048)	ND(0.0051)	ND(0.0052)	ND(0.0044)	ND(0.0074)	ND(0.0067)	ND(0.0084)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0028)	ND(0.0029)	ND(0.0033)	ND(0.0022)	ND(0.0031)	ND(0.0023)	ND(0.0022)	ND(0.0025)	ND(0.0024)	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0037)	ND(0.0033)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0091)	ND(0.0094)	ND(0.011)	ND(0.0072)	ND(0.0098)	**0.070**	**0.018**	ND(0.0080)	**0.034**	**0.110**	**0.076**	**0.068**	**0.013J**	**0.170**	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0029**	ND(0.0012)	**0.0026J**	**0.0017J**	**0.0014J**	**0.00096J**	ND(0.00088)	**0.0013J**	**0.0018J**	**0.0023**	**0.0017J**	**0.019**	**0.034**	**0.044**	**0.120**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0057)	ND(0.0059)	ND(0.0067)	ND(0.0045)	ND(0.0061)	ND(0.0045)	ND(0.0044)	ND(0.0050)	ND(0.0048)	ND(0.0051)	ND(0.0052)	ND(0.0044)	ND(0.0074)	ND(0.0067)	ND(0.0084)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)*	ND(0.0012)*	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	**0.0015J**	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.0090)	ND(0.012)	**0.0097J ID**	ND(0.0088)	ND(0.010)	ND(0.0096)	**0.024J ID**	ND(0.010)	ND(0.0089)	ND(0.015)	**0.021J ID**	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	**0.0011J**	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-34 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																							
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	66.5'	70'	80'	81.5'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.17**	**72**	**80**	**84**	**25**	**3.2**	**3.6**	**5.4**	**210**	**19,000**	**15,000**	**7,400**	**2,000**	**170**	**190**	**5.6**	**0.54**	**0.82**	**19**	**32**	**11**	**290**	**620**	**27**	**3.0F1**	**0.096**	ND(0.016)	ND(0.015)
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	**0.46**	**0.31J**	ND(0.21)	**0.21J**	**0.20J**	**0.21J**	**0.22J**	ND(0.18)	**2.0**	**19**	**11**	**1.1**	**0.22J**	ND(0.24)	ND(0.23)	ND(0.21)	ND(0.21)	**0.27J**	**0.31J**	ND(0.20)	**2.0**	**2.1**	ND(0.23)	ND(0.23)	ND(0.25)	ND(0.24)	ND(0.23)
Chromium	mg/Kg	--	--	--	--	ND(2.6)	**17**	**20**	**20**	**19**	**19**	**17**	**15**	**24**	**39**	**52**	**54**	**34**	**18**	**41**	**40**	**25**	**20**	**190**	**34**	**14**	**45**	**64**	**41**	**40**	**42**	**44**	**34**
Percent Moisture	%	--	--	--	--	**4.3**	**10.9**	**12.5**	**28.3**	**18.7**	**22.6**	**19.6**	**6.6**	**14.8**	**52.2**	**48.2**	**39**	**37.1**	**22.6**	**36.4**	**34.3**	**26.7**	**26.9**	**40.3**	**38.0**	**25.8**	**32.3**	**47.1**	**35**	**36.4**	**38.9**	**39.0**	**35.7**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00095)*	ND(0.00086)*	ND(0.00092)*	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)*	ND(0.0015)*
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)*	ND(0.0015)*
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)*	ND(0.0030)*
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0048)	ND(0.0043)	ND(0.0046)	ND(0.0053)	ND(0.0050)	ND(0.0054)	ND(0.0049)	ND(0.0045)	ND(0.0055)	**0.023**	ND(0.0099)	**0.018**	ND(0.0073)	ND(0.0054)	ND(0.0069)	ND(0.0068)	ND(0.0056)	ND(0.0055)	ND(0.0082)	ND(0.0068)	ND(0.0056)	ND(0.0066)	ND(0.0095)	ND(0.0069)	ND(0.0075)	ND(0.0074)	ND(0.0069)	ND(0.0075)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0048)	ND(0.0043)	ND(0.0046)	ND(0.0053)	ND(0.0050)	ND(0.0054)	ND(0.0049)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0099)	ND(0.0076)	ND(0.0073)	ND(0.0054)	ND(0.0069)	ND(0.0068)	ND(0.0056)	ND(0.0055)	ND(0.0082)	ND(0.0068)	ND(0.0056)	ND(0.0066)	ND(0.0095)	ND(0.0069)	ND(0.0075)	ND(0.0074)	ND(0.0069)	ND(0.0075)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0022)	ND(0.0023)	ND(0.0026)	ND(0.0025)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0027)	ND(0.0049)	ND(0.0049)	ND(0.0038)	ND(0.0036)	ND(0.0027)	ND(0.0035)	ND(0.0034)	ND(0.0028)	ND(0.0028)	ND(0.0041)	ND(0.0034)	ND(0.0028)	ND(0.0033)	ND(0.0048)	ND(0.0035)	ND(0.0037)	ND(0.0037)	ND(0.0034)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0076)	ND(0.0069)	ND(0.0073)	**0.110**	**0.081F2 F1**	**0.190**	**0.093**	ND(0.0072)	**0.140**	**0.900**	**0.610**	**1.000E**	**0.200**	**0.120**	**0.440**	**0.096**	**0.160**	**0.087**	ND(0.013)	ND(0.011)	ND(0.0090)	ND(0.011)	ND(0.015)	**0.012J**	**0.072**	**0.066**	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)*	ND(0.0030)*	ND(0.0027)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00095)	**0.0012J**	**0.0024**	**0.0028**	**0.0011J**	ND(0.0011)	**0.0013J**	**0.0015J**	ND(0.0011)	**0.025**	**0.050**	**0.079**	**0.039**	**0.0029**	**0.0077**	ND(0.0014)	**0.0016J**	ND(0.0011)	**0.0091**	**0.014**	**0.0022**	**0.061**	**0.042**	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	**0.0011J**	ND(0.00098)	ND(0.00090)	ND(0.0011)	**0.0044J**	**0.0022J**	**0.0075J**	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)*	ND(0.0015)*
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0043)	ND(0.0046)	ND(0.0053)	ND(0.0050)	ND(0.0054)	ND(0.0049)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0099)	ND(0.0076)	ND(0.0073)	ND(0.0054)	ND(0.0069)	ND(0.0068)	ND(0.0056)	ND(0.0055)	ND(0.0082)	ND(0.0068)	ND(0.0056)	ND(0.0066)	ND(0.0095)	ND(0.0069)	ND(0.0075)	ND(0.0074)	ND(0.0069)	ND(0.0075)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	**0.0025J**	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)*	ND(0.0017)*	ND(0.0018)*	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)

Borehole U4U5-35 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.60F1**	**2.0**	**1.1**	**1.8**	**1.6**	**3.8**	**2.5**	**3.0**	**16**	**12**	**27**	**83**	**19**	**98**	**73**	**180**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.21)	ND(0.17)	ND(0.21)	ND(0.18)	ND(0.21)
Chromium	mg/Kg	--	--	--	--	**22**	**18**	**15**	**22**	**16**	**15**	**22**	**18**	**17**	**14**	**15**	**43**	**58**	**41**	**22**	**26**
Percent Moisture	%	--	--	--	--	**7.3**	**9.1**	**11.8**	**15.1**	**10.1**	**8.0**	**9.7**	**8.0**	**7.4**	**8.0**	**12.8**	**29.1**	**8.5**	**28.4**	**17.2**	**29.4**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)*	ND(0.0020)*	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0054)	ND(0.0041)	ND(0.0032)	ND(0.0044)	ND(0.0052)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0043)	ND(0.0046)	ND(0.0050)	ND(0.0067)	ND(0.0060)	**0.023**	ND(0.0052)	ND(0.0074)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0054)	ND(0.0041)	ND(0.0032)	ND(0.0044)	ND(0.0052)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0043)	ND(0.0046)	ND(0.0050)	ND(0.0067)	ND(0.0060)	**0.0086J**	ND(0.0052)	ND(0.0074)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0027)	ND(0.0021)	ND(0.0016)	ND(0.0022)	ND(0.0026)	ND(0.0023)	ND(0.0022)	ND(0.0022)	ND(0.0021)	ND(0.0023)	ND(0.0025)	ND(0.0033)	ND(0.0030)	ND(0.0030)	ND(0.0026)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0086)	ND(0.0066)	ND(0.0051)	ND(0.0071)	ND(0.0083)	ND(0.0075)	ND(0.0070)	ND(0.0071)	ND(0.0069)	ND(0.0073)	ND(0.0080)	ND(0.011)	ND(0.0096)	ND(0.0096)	ND(0.0083)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	**0.0011J**	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	**0.0034**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)*	ND(0.00083)*	ND(0.00064)*	ND(0.00089)*	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0054)	ND(0.0041)	ND(0.0032)	ND(0.0044)	ND(0.0052)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0043)	ND(0.0046)	ND(0.0050)	ND(0.0067)	ND(0.0060)	ND(0.0060)	ND(0.0052)	ND(0.0074)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0025)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)*	ND(0.0020)*	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.0083)	ND(0.0064)	ND(0.0089)	ND(0.010)	ND(0.0094)	ND(0.0088)	ND(0.0088)	ND(0.0086)	ND(0.0092)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-36 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.61**	**0.53**	**0.79**	**0.87**	**0.43**	**0.90**	**0.56F1**	**3.1**	**18**	**1,000**	**610**	**1,400**	**490**	**1,800**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	**0.20J**	**0.31J**	**0.42**	**1.2**	**1.2**	**1.8**	**1.7**	**1.2**	**40**	**37**	**50**	**2.0**	**94**	**69**
Chromium	mg/Kg	--	--	--	--	**12**	**16**	**17**	**21**	**18**	**16**	**22**	**15**	**15**	**78**	**74**	**88**	**49**	**160**	**120**
Percent Moisture	%	--	--	--	--	**6.5**	**8.7**	**9.2**	**7.7**	**13.4**	**9.3**	**17.4**	**13**	**21.0**	**24.9**	**32.4**	**21.5**	**24**	**34.5**	**34.1**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0051)	ND(0.0055)	ND(0.0049)	ND(0.0067)	ND(0.0050)	ND(0.0055)	ND(0.0051)	ND(0.0050)	ND(0.0060)	ND(0.0077)	ND(0.0089)	ND(0.0074)	ND(0.0063)	ND(0.0073)	ND(0.0077)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0051)	ND(0.0055)	ND(0.0049)	ND(0.0067)	ND(0.0050)	ND(0.0055)	ND(0.0051)	ND(0.0050)	ND(0.0060)	ND(0.0077)	ND(0.0089)	ND(0.0074)	ND(0.0063)	ND(0.0073)	ND(0.0077)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0027)	ND(0.0024)	ND(0.0033)	ND(0.0025)	ND(0.0027)	ND(0.0026)	ND(0.0025)	ND(0.0030)	ND(0.0038)	ND(0.0045)	ND(0.0037)	ND(0.0031)	ND(0.0036)	ND(0.0039)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0082)	ND(0.0087)	ND(0.0078)	ND(0.011)	ND(0.0079)	**0.071**	**0.160F1 F2**	ND(0.0080)	**0.095**	**0.095**	**0.150**	**0.047**	**0.018J**	**0.130**	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	**0.0034**	**0.003**	**0.0021J**	**0.0074**	**0.0054**	**0.0084**	**0.0061**	**0.011**	**0.080**	**0.052**	**0.049**	**0.047**	**0.080**	**0.270**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0055)	ND(0.0049)	ND(0.0067)	ND(0.0050)	ND(0.0055)	ND(0.0051)	ND(0.0050)	ND(0.0060)	ND(0.0077)	ND(0.0089)	ND(0.0074)	ND(0.0063)	ND(0.0073)	ND(0.0077)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.011)	ND(0.0098)	ND(0.013)	ND(0.0099)	**0.022J ID**	**0.036J**	ND(0.0099)	**0.021J ID**	**0.021J ID**	ND(0.018)	**0.015J**	ND(0.013)	**0.027J ID**	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	**0.0014J**	ND(0.00099)	ND(0.0012)	**0.0015J**	ND(0.0018)	ND(0.0015)	ND(0.0013)	**0.0016J**	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-37 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**350**	**270**	**290**	**290**	**41**	**140**	**220**	**230**	**81**	**280**	**160**	**380**	**430**	**2,800**	**3,300**	**590**
Hexavalent chromium	mg/Kg	2	40	--	--	**20**	**16**	**13**	**15**	**3**	**8**	**17**	**9.3**	ND(0.19)	**11**	**14**	**14**	**18**	**89**	**87**	**23**
Chromium	mg/Kg	--	--	--	--	**120**	**53**	**44**	**44**	**19**	**52**	**45**	**41**	**41**	**50**	**29**	**35**	**38**	**250**	**250**	**97F1 F2**
Percent Moisture	%	--	--	--	--	**6.6**	**9.3**	**6.4**	**10.9**	**8.4**	**9.9**	**8**	**8.2**	**21.6**	**6.4**	**15.7**	**6.8**	**22.5**	**41.8**	**39**	**25.8**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0031)	ND(0.0036)	ND(0.0038)	ND(0.0037)	ND(0.0030)	ND(0.0053)	ND(0.0048)	ND(0.0044)	**0.015**	ND(0.0049)	ND(0.0048)	ND(0.0050)	ND(0.0054)	ND(0.0090)	ND(0.0094)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0031)	ND(0.0036)	ND(0.0038)	ND(0.0037)	ND(0.0030)	ND(0.0053)	ND(0.0048)	ND(0.0044)	ND(0.0055)	ND(0.0049)	ND(0.0048)	ND(0.0050)	ND(0.0054)	ND(0.0090)	ND(0.0094)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0015)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0027)	ND(0.0024)	ND(0.0022)	**0.010**	ND(0.0025)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0045)	ND(0.0047)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0049)	ND(0.0058)	ND(0.0061)	ND(0.0059)	ND(0.0047)	ND(0.0085)	ND(0.0077)	**0.021**	**0.120**	ND(0.0079)	**0.017J**	**0.011J**	ND(0.0086)	**0.032J**	**0.030J**	**0.035**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	**0.0015**	**0.0029**	**0.0059**	**0.0090**	**0.0034**	**0.0030**	**0.0036**	**0.0051**	**0.0018J**	**0.0046**	**0.049**	**0.130**	**0.018F1 F2**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)F1
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0031)	ND(0.0036)	ND(0.0038)	ND(0.0037)	ND(0.0030)	ND(0.0053)	ND(0.0048)	ND(0.0044)	ND(0.0055)	ND(0.0049)	ND(0.0048)	ND(0.0050)	ND(0.0054)	ND(0.0090)	ND(0.0094)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0061)	ND(0.0073)	ND(0.0076)	ND(0.0074)	ND(0.0059)	ND(0.011)	ND(0.0096)	ND(0.0088)	**0.028J ID**	ND(0.0098)	ND(0.0096)	ND(0.010)	ND(0.011)	ND(0.018)	ND(0.019)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-38 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**22**	**30**	**7**	**2**	**9**	**4**	**9**	**6**	**3**	**5**	**7**
Hexavalent chromium	mg/Kg	2	40	--	--	**5.6**	**0.99**	**1.6**	**0.89**	**0.29J**	**0.35**	**0.8**	**0.88**	**0.78**	**0.27J**	**2.5**
Chromium	mg/Kg	--	--	--	--	**58**	**40**	**56**	**32**	**19**	**18**	**50**	**70**	**81**	**30F1**	**43**
Percent Moisture	%	--	--	--	--	**15.4**	**15.1**	**15.8**	**13.1**	**9.8**	**8.3**	**29.8**	**28.6**	**26**	**17.8**	**41.5**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0035)	ND(0.0039)	ND(0.0034)	ND(0.0067)	ND(0.0042)	ND(0.0045)	ND(0.0070)	ND(0.0075)	ND(0.0068)	ND(0.0057)	ND(0.0080)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0035)	ND(0.0039)	ND(0.0034)	ND(0.0067)	ND(0.0042)	ND(0.0045)	ND(0.0070)	ND(0.0075)	ND(0.0068)	ND(0.0057)	ND(0.0080)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0033)	ND(0.0021)	ND(0.0023)	ND(0.0035)	ND(0.0037)	ND(0.0034)	ND(0.0028)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0056)	ND(0.0062)	ND(0.0054)	ND(0.011)	**0.0091J**	**0.010J**	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.0091)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00070)	**0.0038**	**0.0073**	**0.0052**	**0.013**	**0.018**	**0.017**	**0.220**	**0.038**	**0.063**	**0.550**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0035)	ND(0.0039)	ND(0.0034)	ND(0.0067)	ND(0.0042)	ND(0.0045)	ND(0.0070)	ND(0.0075)	ND(0.0068)	ND(0.0057)	ND(0.0080)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0070)	ND(0.0078)	ND(0.0068)	ND(0.013)	ND(0.0083)	ND(0.0091)	ND(0.014)	ND(0.015)	ND(0.014)	ND(0.011)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	**0.0046**	ND(0.0014)	ND(0.0011)	**0.0017J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)F2 F1	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-39 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**30**	**10**	**2.1**	**1.7**	**1.8**	**19F2**	**8**	**8.9**	**3.1**	**4.7**	**4.9**	**76**
Hexavalent chromium	mg/Kg	2	40	--	--	**2.4**	**0.71**	**0.55**	**1.7**	**0.81**	**0.47**	**0.41**	**2.6**	**1.1**	**1.3**	**0.83**	**3.5**
Chromium	mg/Kg	--	--	--	--	**29**	**29**	**25**	**32**	**32**	**34**	**18**	**43**	**22**	**69**	**49**	**38**
Percent Moisture	%	--	--	--	--	**9.9**	**15.1**	**15.9**	**19.2**	**14.9**	**17.3**	**8.4**	**28.9**	**24.4**	**30.7**	**15.9**	**34.1**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)F2	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0045)	ND(0.0043)	ND(0.0034)	ND(0.0038)	ND(0.0041)	ND(0.0052)	ND(0.0042)	ND(0.0075)	ND(0.0066)	ND(0.0079)	ND(0.0053)	ND(0.0056)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0045)	ND(0.0043)	ND(0.0034)	ND(0.0038)	ND(0.0041)	ND(0.0052)	ND(0.0042)	ND(0.0075)	ND(0.0066)	ND(0.0079)	ND(0.0053)	ND(0.0056)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0022)	ND(0.0022)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0021)	ND(0.0038)	ND(0.0033)	ND(0.0039)	ND(0.0027)	ND(0.0028)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0071)	ND(0.0069)	ND(0.0054)	ND(0.0061)	ND(0.0065)	ND(0.0084)	ND(0.0067)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.0085)	ND(0.0090)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0037**	**0.0098**	**0.0081**	**0.028**	**0.077**	**0.029**	**0.035**	**0.410**	**0.056**	**0.390**	**0.038**	**0.450**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0045)	ND(0.0043)	ND(0.0034)	ND(0.0038)	ND(0.0041)	ND(0.0052)	ND(0.0042)	ND(0.0075)	ND(0.0066)	ND(0.0079)	ND(0.0053)	ND(0.0056)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0089)	ND(0.0086)	ND(0.0068)	ND(0.0076)	ND(0.0081)	ND(0.010)	ND(0.0084)	ND(0.015)	ND(0.013)	ND(0.016)	ND(0.011)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	**0.0086**	ND(0.0013)	**0.0020J**	ND(0.0011)	**0.0017J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
F2 - MS/MSD RPD exceeds control limits
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-40 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**21**	**1.8**	**27**	**12**	**7.9**	**11**	**8**	**9.4**	**6.7**	**8.7**	**6.2**	**20**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.2**	**0.38**	**0.21J**	ND(0.20)	**0.20J**	**2.6**	**0.63**	**0.47F1**	**0.59**	**2.4**	**0.86**	**1.1**
Chromium	mg/Kg	--	--	--	--	**29**	**20**	**21**	**20**	**27**	**50**	**26**	**28**	**24**	**47**	**44**	**53**
Percent Moisture	%	--	--	--	--	**15.7**	**13.5**	**16.6**	**23.8**	**15.9**	**19**	**10.8**	**11.4**	**23.5**	**30.7**	**20.3**	**39**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0038)	ND(0.0050)	ND(0.0039)	ND(0.0044)	ND(0.0030)	ND(0.0035)	ND(0.0039)	ND(0.0049)	ND(0.0051)	ND(0.0065)	ND(0.0058)	ND(0.0085)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0038)	ND(0.0050)	ND(0.0039)	ND(0.0044)	ND(0.0030)	ND(0.0035)	ND(0.0039)	ND(0.0049)	ND(0.0051)	ND(0.0065)	ND(0.0058)	ND(0.0085)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0022)	ND(0.0015)	**0.0042**	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0033)	ND(0.0029)	ND(0.0043)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0061)	ND(0.0080)	ND(0.0063)	ND(0.0071)	ND(0.0049)	**0.029**	**0.018**	ND(0.0078)	ND(0.0081)	ND(0.010)	ND(0.0092)	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	**0.0024**	**0.012**	**0.016**	**0.016**	**0.0017**	**0.0014J**	**0.029F1**	**0.220**	**0.210**	**0.021**	**0.330**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0038)	ND(0.0050)	ND(0.0039)	ND(0.0044)	ND(0.0030)	ND(0.0035)	ND(0.0039)	ND(0.0049)	ND(0.0051)	ND(0.0065)	ND(0.0058)	ND(0.0085)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0076)	ND(0.010)	ND(0.0078)	ND(0.0089)	ND(0.0061)	ND(0.0070)	ND(0.0077)	ND(0.0097)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	**0.00070J**	ND(0.00070)	ND(0.00077)	**0.0030**	**0.0063**	**0.0013J**	ND(0.0012)	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-41 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**160**	**150**	**150**	**160**	**98**	**310**	**91,000**	**2,500**	**22,000**	**6,600**	**1,000**
Hexavalent chromium	mg/Kg	2	40	--	--	**2.6**	**6.2**	**8.1**	**6.5**	**7.6**	**15**	**27**	**21**	**75**	**140.0**	**21**
Chromium	mg/Kg	--	--	--	--	**35**	**51**	**42**	**39**	**41**	**40**	**36F1**	**45**	**160**	**240**	**50**
Percent Moisture	%	--	--	--	--	**8.4**	**9.3**	**13.9**	**7.7**	**15.9**	**13.4**	**20.9**	**35.4**	**25**	**30.6**	**20.8**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)F1	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	**0.0019J**	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	**0.0014J**	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)*	ND(0.0021)*	ND(0.0024)*	ND(0.0014)*	ND(0.0020)*	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00073)*	ND(0.0011)*	ND(0.0012)*	ND(0.00071)*	ND(0.00098)*	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0037)	ND(0.0053)	ND(0.0059)	ND(0.0035)	ND(0.0049)	ND(0.0042)	ND(0.0060)F2	**0.016**	**0.019**	ND(0.0064)	ND(0.0055)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0037)	ND(0.0053)	ND(0.0059)	ND(0.0035)	ND(0.0049)	ND(0.0042)	ND(0.0060)F2	ND(0.0069)	ND(0.0080)	ND(0.0064)	ND(0.0055)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0018)	ND(0.0026)	ND(0.0030)	ND(0.0018)	ND(0.0024)	ND(0.0021)	ND(0.0030)F2	ND(0.0035)	ND(0.0040)	ND(0.0032)	ND(0.0028)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0059)	ND(0.0085)	**0.022J**	ND(0.0057)	ND(0.0078)	ND(0.0068)	**0.025F2**	**0.081**	**0.084**	**0.043**	ND(0.0088)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	**0.0040J**	ND(0.0026)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00070)	**0.0018J**	**0.0033**	**0.0093**	**0.016**	**0.033**	**0.011F2**	**0.023**	**0.063**	**0.027**	**0.010**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.0053)	ND(0.0059)	ND(0.0035)	ND(0.0049)	ND(0.0042)	ND(0.0060)F2	ND(0.0069)	ND(0.0080)	ND(0.0064)	ND(0.0055)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	**0.0038J**	ND(0.0032)	ND(0.0026)	ND(0.0022)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0073)	ND(0.011)	ND(0.012)	ND(0.0071)	ND(0.0098)	ND(0.0085)	ND(0.012)F2	ND(0.014)	ND(0.016)	ND(0.013)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	**0.0031J**	ND(0.0013)	ND(0.0011)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)F1	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-42 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface									
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**640**	**1600**	**2,000**	**1,400**	**150**	**8,200**	**11,000**	**8,800**	**11,000**	**6,800**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.88**	**2.5**	**1.1**	**0.58**	**0.31J**	**6.0**	**7.1**	**5.0**	**6.0**	**3.6**
Chromium	mg/Kg	--	--	--	--	**21**	**24**	**14**	**12**	**22**	**55**	**48**	**90**	**48**	**35**
Percent Moisture	%	--	--	--	--	**5.7**	**9.1**	**6.5**	**5.4**	**19**	**27.8**	**36.9**	**33.7**	**36.9**	**36.5**
VOCs															
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0051)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0061)	ND(0.0076)	ND(0.0088)	ND(0.0076)	ND(0.0092)	ND(0.0068)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0051)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0061)	ND(0.0076)	ND(0.0088)	ND(0.0076)	ND(0.0092)	ND(0.0068)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0027)	ND(0.0022)	ND(0.0024)	ND(0.003)	ND(0.0038)	ND(0.0044)	ND(0.0038)	ND(0.0046)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	**0.110**	**0.120**	ND(0.0071)	**0.072**	**0.045**	**0.160**	ND(0.014)	ND(0.012)	ND(0.015)	**0.071**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	**0.0033J**	**0.0049J**	**0.0044J**	ND(0.0037)	**0.0054J**
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0042**	**0.0016J**	**0.0070**	**0.0049**	**0.0037**	**0.048**	**0.098**	**0.079**	**0.040**	**0.200**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	**0.0019J**
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0061)	ND(0.0076)	ND(0.0088)	ND(0.0076)	ND(0.0092)	ND(0.0068)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	**0.017J ID**	**0.017J ID**	ND(0.0088)	**0.015J ID**	**0.012J ID**	**0.029J ID**	ND(0.018)	ND(0.015)	ND(0.018)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	**0.0015J**	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-43 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	10'	12.5'	15'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.36**	**0.32**	**19**	**11**	**64F2**	**91**	**74**	**500**	**360**	**2,100**	**2,100**	**1,800**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	**0.39**	**0.22J**	**0.46**	**1.3**	**0.47**	**0.79**	**0.40**	**0.41J**	**0.88**	**0.58**
Chromium	mg/Kg	--	--	--	--	ND(5.1)	ND(5.2)	**20**	**12**	**15**	**16**	**19**	**15**	**12**	**34**	**39**	**30**
Percent Moisture	%	--	--	--	--	**3.4**	**5.1**	**8.3**	**9.2**	**10.5**	**11.4**	**12.1**	**11.3**	**20.0**	**30.3**	**29.6**	**29.0**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00077)	ND(0.00072)	ND(0.0011)*	ND(0.0011)*	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0038)	ND(0.0036)	ND(0.0055)	ND(0.0057)	ND(0.0049)	ND(0.0043)	ND(0.0053)	ND(0.0048)	ND(0.0047)	ND(0.0068)	ND(0.0072)	ND(0.0081)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0038)	ND(0.0036)	ND(0.0055)	ND(0.0057)	ND(0.0049)	ND(0.0043)	ND(0.0053)	ND(0.0048)	ND(0.0047)	ND(0.0068)	ND(0.0072)	ND(0.0081)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0019)	ND(0.0018)	ND(0.0027)	ND(0.0029)	ND(0.0024)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0023)	ND(0.0034)	ND(0.0036)	ND(0.004)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0061)	ND(0.0058)	ND(0.0087)	ND(0.0092)	ND(0.0078)	ND(0.0069)	ND(0.0084)	**0.097**	**0.074**	**0.063**	**0.110**	**0.052**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	**0.0013J**	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	**0.00096J**	**0.0071**	**0.027**	ND(0.0016)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0038)	ND(0.0036)	ND(0.0055)	ND(0.0057)	ND(0.0049)	ND(0.0043)	ND(0.0053)	ND(0.0048)	ND(0.0047)	ND(0.0068)	ND(0.0072)	ND(0.0081)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)*	ND(0.0023)*	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0077)	ND(0.0072)	ND(0.011)	ND(0.011)	ND(0.0098)	ND(0.0086)	ND(0.011)	**0.016J ID**	**0.012J ID**	ND(0.014)	**0.023J ID**	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-44 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.090F1**	**0.086**	**0.059**	**0.040J**	**0.62**	**0.45**	**0.59**	**0.41**	**0.28**	**6.9**	**8.4**	**31**	**61**	**25**	**7.7**	**2.3**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.19)	ND(0.19)	ND(0.17)	ND(0.18)	ND(0.19)	ND(0.21)	ND(0.23)	ND(0.26)	ND(0.25)	ND(0.23)	ND(0.23)
Chromium	mg/Kg	--	--	--	--	**19**	**18**	**16**	**21**	**20**	**18**	**16**	**19**	**16**	**16**	**32**	**73**	**59**	**51**	**47**	**39**
Percent Moisture	%	--	--	--	--	**5.8**	**6.1**	**6.0**	**6.5**	**14**	**20.4**	**19**	**12.7**	**19.1**	**20.4**	**28.3**	**36.1**	**42**	**41.6**	**35.2**	**34**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0035)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0041)	ND(0.0046)	ND(0.0045)	ND(0.0041)	ND(0.0043)	ND(0.0044)	ND(0.0065)	ND(0.0064)	ND(0.0073)	ND(0.0075)	ND(0.0067)	ND(0.0058)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0035)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0041)	ND(0.0046)	ND(0.0045)	ND(0.0041)	ND(0.0043)	ND(0.0044)	ND(0.0065)	ND(0.0064)	ND(0.0073)	ND(0.0075)	ND(0.0067)	ND(0.0058)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0018)	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0023)	ND(0.0022)	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0033)	ND(0.0032)	ND(0.0037)	ND(0.0038)	ND(0.0033)	ND(0.0029)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0056)	ND(0.0067)	ND(0.0069)	ND(0.0070)	ND(0.0065)	ND(0.0074)	ND(0.0071)	ND(0.0066)	ND(0.0068)	ND(0.0071)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0093)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	**0.0022J**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)*	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)*	ND(0.00089)*	ND(0.00083)*	ND(0.00085)*	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0035)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0041)	ND(0.0046)	ND(0.0045)	ND(0.0041)	ND(0.0043)	ND(0.0044)	ND(0.0065)	ND(0.0064)	ND(0.0073)	ND(0.0075)	ND(0.0067)	ND(0.0058)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0070)	ND(0.0083)	ND(0.0086)	ND(0.0088)	ND(0.0081)	ND(0.0093)	ND(0.0089)	ND(0.0083)	ND(0.0085)	ND(0.0088)	ND(0.013)	ND(0.013)	ND(0.015)	ND(0.015)	ND(0.013)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-45 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**22F2**	**170**	**120**	**500**	**46**	**700**	**2,200**	**1,600**	**1,100**	**1,100**	**530**
Hexavalent chromium	mg/Kg	2	40	--	--	**4.9**	**2.8**	**2.1**	**4.8**	**5.6**	**4.7**	**8.8**	**6.7**	**1.2**	**3.4**	**2**
Chromium	mg/Kg	--	--	--	--	**48**	**29**	**28**	**31**	**25**	**81**	**47**	**44**	**49F1**	**46**	**39**
Percent Moisture	%	--	--	--	--	**12.4**	**7.3**	**12**	**9.6**	**9.4**	**39.2**	**24.2**	**20.3**	**19**	**36.6**	**34.8**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)F2	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)F2	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)*	ND(0.0019)*	ND(0.0017)*	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)F2	ND(0.0026)	ND(0.0031)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00073)*	ND(0.00095)*	ND(0.00083)*	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0036)	ND(0.0048)	ND(0.0042)	ND(0.0046)	ND(0.0049)	ND(0.011)	ND(0.0056)	ND(0.0058)	ND(0.0053)	ND(0.0066)	ND(0.0076)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0036)	ND(0.0048)	ND(0.0042)	ND(0.0046)	ND(0.0049)	ND(0.011)	ND(0.0056)	ND(0.0058)	ND(0.0053)	ND(0.0066)	ND(0.0076)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0018)	ND(0.0024)	ND(0.0021)	ND(0.0023)	ND(0.0025)	ND(0.0053)	ND(0.0028)	ND(0.0029)	ND(0.0026)	ND(0.0033)	ND(0.0038)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0058)	ND(0.0076)	ND(0.0066)	ND(0.0074)	ND(0.0079)	ND(0.017)	ND(0.0090)	ND(0.0093)	ND(0.0084)	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0028**	**0.0055**	**0.0040**	**0.0083**	**0.014**	**2.100**	**0.0092**	**0.011**	**0.071F2 F1**	**0.360**	**0.150**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)F2	ND(0.0026)	ND(0.0031)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0036)	ND(0.0048)	ND(0.0042)	ND(0.0046)	ND(0.0049)	ND(0.011)	ND(0.0056)	ND(0.0058)	ND(0.0053)	ND(0.0066)	ND(0.0076)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0073)	ND(0.0095)	ND(0.0083)	ND(0.0092)	ND(0.0099)	ND(0.021)	ND(0.011)	ND(0.012)	ND(0.011)F2	ND(0.013)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	**0.0013J**	**0.0045**	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	**0.0057**	**0.0037**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)F2	ND(0.0026)	ND(0.0031)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-46 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**84**	**5.2**	**7**	**22**	**3.2**	**2**	**2**	**9**	**5**	**14**	**15**	**15**	**22**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.1**	**0.18J**	**0.17J**	**0.57**	**0.65**	**0.51**	**0.91**	**0.48J**	**0.32J**	**2.1**	**2.1**	**4.0**	**0.76**
Chromium	mg/Kg	--	--	--	--	**18**	**25**	**14**	**22**	**22**	**20**	**17**	**140**	**59**	**63**	**86**	**46**	**62**
Percent Moisture	%	--	--	--	--	**10.6**	**12.6**	**12.4**	**9.4**	**12.1**	**10.6**	**20.9**	**39.6**	**27**	**36.3**	**38.5**	**34.1**	**36.5**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0055)	ND(0.0060)	ND(0.0045)	ND(0.0048)	ND(0.0048)	ND(0.0049)	ND(0.0060)	ND(0.0077)	ND(0.0060)	ND(0.0068)	ND(0.0072)	ND(0.0065)	ND(0.0098)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0055)	ND(0.0060)	ND(0.0045)	ND(0.0048)	ND(0.0048)	ND(0.0049)	ND(0.0060)	ND(0.0077)	ND(0.0060)	ND(0.0068)	ND(0.0072)	ND(0.0065)	ND(0.0098)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0027)	ND(0.0030)	ND(0.0023)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0030)	ND(0.0038)	ND(0.0030)	ND(0.0034)	ND(0.0036)	ND(0.0033)	ND(0.0049)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0088)	ND(0.0096)	ND(0.0072)	ND(0.0077)	ND(0.0077)	ND(0.0079)	ND(0.0096)	ND(0.012)	ND(0.0096)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.016)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	**0.0025**	**0.0020**	**0.00098J**	**0.0065**	**0.0084**	**0.085**	**0.051**	**0.280**	**0.430**	**0.280**	**0.014**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0055)	ND(0.0060)	ND(0.0045)	ND(0.0048)	ND(0.0048)	ND(0.0049)	ND(0.0060)	ND(0.0077)	ND(0.0060)	ND(0.0068)	ND(0.0072)	ND(0.0065)	ND(0.0098)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.012)	ND(0.0090)	ND(0.0096)	ND(0.0096)	ND(0.0099)	ND(0.012)	ND(0.015)	ND(0.012)	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.02)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	**0.0029**	**0.0054**	**0.0028**	ND(0.0020)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance. b
- The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-47 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**9.1**	**29**	**3**	**10**	**2.2**	**5**	**200**	**2,400**	**1,500**	**300**	**570**	**1,500**	**490**
Hexavalent chromium	mg/Kg	2	40	--	--	**3.4**	**1.8**	**0.39**	**1.2**	**0.73**	**0.43**	**3.5**	**20**	**9.9**	**1.8**	**2.9**	**5.7**	**2**
Chromium	mg/Kg	--	--	--	--	**31**	**25**	**26**	**26**	**26**	**28**	**20**	**130**	**73**	**20**	**44**	**61**	**44**
Percent Moisture	%	--	--	--	--	**13.6**	**9.8**	**14.3**	**8.9**	**8.6**	**10.9**	**15.9**	**39.1**	**26.8**	**11.3**	**37.7**	**36**	**36.6**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	**0.00089J**	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0048)	ND(0.0062)	ND(0.0052)	ND(0.0050)	ND(0.0043)	ND(0.0042)	ND(0.0046)	ND(0.0073)	ND(0.0067)	ND(0.0041)	ND(0.0063)	ND(0.0064)	ND(0.0065)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0048)	ND(0.0062)	ND(0.0052)	ND(0.0050)	ND(0.0043)	ND(0.0042)	ND(0.0046)	ND(0.0073)	ND(0.0067)	ND(0.0041)	ND(0.0063)	ND(0.0064)	ND(0.0065)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0031)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0037)	ND(0.0033)	ND(0.0021)	ND(0.0032)	ND(0.0032)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	**0.0085J**	ND(0.0099)	ND(0.0083)	ND(0.0080)	ND(0.0068)	ND(0.0067)	ND(0.0073)	ND(0.012)	ND(0.011)	ND(0.0066)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.00098J**	**0.0013J**	**0.0071**	**0.0022**	**0.0045**	**0.0090**	**0.0053**	**0.058**	**0.110**	**0.026**	**0.200F1**	**0.310**	**0.160**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0062)	ND(0.0052)	ND(0.0050)	ND(0.0043)	ND(0.0042)	ND(0.0046)	ND(0.0073)	ND(0.0067)	ND(0.0041)	ND(0.0063)	ND(0.0064)	ND(0.0065)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	**0.0019J**	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	**0.00087J**	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0095)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.0086)	ND(0.0084)	ND(0.0092)	ND(0.015)	ND(0.013)	ND(0.0083)	ND(0.013)	ND(0.013)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	**0.0013J**	**0.0017J**	**0.0018J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-48 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.24**	**0.39**	**8.1**	**6.9**	**3.5**	**0.063**	ND(0.010)	**1.8**	**1.1**	**5.1**	**6.8**	**0.86**	**26**	**0.23**	**75**	**3.0**	**8.2**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	**0.24J**	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.23)	**0.25J**	**0.18J**	**0.19J**	**0.21J**	**0.39J**	ND(0.17)	ND(0.22)
Chromium	mg/Kg	--	--	--	--	**28**	**21**	**20**	**19**	**31**	**6.7**	**4.0**	**14**	**15**	**10**	**34**	**15**	**39**	**9.6**	**37**	**16**	**22**
Percent Moisture	%	--	--	--	--	**6.7**	**9.2**	**8**	**7.8**	**9.7**	**16.8**	**7.2**	**14.9**	**10.6**	**36.1**	**33.6**	**4.2**	**19.8**	**3.2**	**42.4**	**10.5**	**31.5**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0045)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0048)	ND(0.0051)	ND(0.0051)	ND(0.0063)	ND(0.0049)	ND(0.0065)	ND(0.0095)	ND(0.0046)	ND(0.0054)	ND(0.0048)	ND(0.058)	ND(0.0050)	ND(0.0055)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0045)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0048)	ND(0.0051)	ND(0.0051)	ND(0.0063)	ND(0.0049)	ND(0.0065)	ND(0.0095)	ND(0.0046)	ND(0.0054)	ND(0.0048)	ND(0.058)	ND(0.0050)	ND(0.0055)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0023)	ND(0.0023)	ND(0.0022)	ND(0.0022)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0031)	ND(0.0024)	ND(0.0033)	ND(0.0048)	ND(0.0023)	ND(0.0027)	ND(0.0024)	ND(0.029)	ND(0.0025)	ND(0.0028)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0073)	ND(0.0075)	ND(0.0070)	ND(0.0070)	ND(0.0076)	ND(0.0081)	ND(0.0081)	ND(0.010)	ND(0.0078)	ND(0.010)	ND(0.015)	**0.014J**	ND(0.0087)	ND(0.0076)	ND(0.093)	ND(0.0079)	ND(0.0088)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	**0.0043**	**0.0018**	**0.012**	ND(0.00095)	**0.290**	ND(0.00099)	**0.011**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0045)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0048)	ND(0.0051)	ND(0.0051)	ND(0.0063)	ND(0.0049)	ND(0.0065)	ND(0.0095)	ND(0.0046)	ND(0.0054)	ND(0.0048)	**0.200J**	**0.011J**	ND(0.0055)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	**0.002J**	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0091)	ND(0.0094)	ND(0.0088)	ND(0.0088)	ND(0.0095)	ND(0.010)	ND(0.010)	ND(0.013)	ND(0.0098)	ND(0.013)	ND(0.019)	ND(0.0092)	ND(0.011)	ND(0.0095)	ND(0.12)	ND(0.0099)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	**0.031**	ND(0.00099)	**0.0024**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	**0.240**	**0.014**	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-49 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.70**	**0.39**	**0.49**	**1.5**	**0.24**	**0.71**	**0.14**	**0.89**	**0.14**	**4.7**	**5.6**	**2.9**	**2.5F1**	**3.9**	**9.7**	**0.72**	**1.7**
Hexavalent chromium	mg/Kg	2	40	--	--	0.36	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.20)	ND(0.26)	ND(0.19)	ND(0.22)	ND(0.27)	ND(0.23)	ND(0.22)	ND(0.17)	ND(0.25)
Chromium	mg/Kg	--	--	--	--	**37**	**21**	**24**	**24**	**18**	**23**	**18**	**19**	**9.9**	**51**	**60**	**27**	**36**	**32**	**38**	**19**	**58**
Percent Moisture	%	--	--	--	--	**10.2**	**9.6**	**8.4**	**7.6**	**13.7**	**6.9**	**12.7**	**14.8**	**27.1**	**42.4**	**19.2**	**32.2**	**44.8**	**35.5**	**33.4**	**13.1**	**41.2**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0052)	ND(0.0061)	ND(0.0047)	ND(0.0045)	ND(0.0037)	ND(0.0043)	ND(0.0046)	ND(0.0041)	ND(0.0069)	ND(0.0089)	ND(0.0058)	ND(0.0074)	ND(0.0082)	ND(0.024)	ND(0.0068)	ND(0.0041)	ND(0.0071)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0052)	ND(0.0061)	ND(0.0047)	ND(0.0045)	ND(0.0037)	ND(0.0043)	ND(0.0046)	ND(0.0041)	ND(0.0069)	ND(0.0089)	ND(0.0058)	ND(0.0074)	ND(0.0082)	ND(0.024)	ND(0.0068)	ND(0.0041)	ND(0.0071)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0031)	ND(0.0023)	ND(0.0022)	ND(0.0018)	ND(0.0021)	ND(0.0023)	ND(0.0021)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0037)	ND(0.0041)	ND(0.012)	ND(0.0034)	ND(0.0020)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0083)	ND(0.0098)	ND(0.0075)	ND(0.0071)	ND(0.0059)	ND(0.0069)	ND(0.0073)	ND(0.0066)	ND(0.011)	ND(0.014)	ND(0.0093)	ND(0.012)	ND(0.013)	ND(0.038)	ND(0.011)	ND(0.0065)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	**0.0029J**	ND(0.0012)	**0.010**	**0.0093**	**0.014**	ND(0.0014)	ND(0.00081)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0061)	ND(0.0047)	ND(0.0045)	ND(0.0037)	**0.015J**	**0.011J**	ND(0.0041)	ND(0.0069)	ND(0.0089)	ND(0.0058)	ND(0.0074)	ND(0.0082)F1	ND(0.024)	ND(0.0068)	ND(0.0041)	ND(0.0071)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.012)	ND(0.0094)	ND(0.0089)	ND(0.0073)	ND(0.0086)	ND(0.0091)	ND(0.0083)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.015)	ND(0.016)	ND(0.047)	ND(0.014)	ND(0.0081)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	**0.0058**	**0.0021J**	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	**0.022**	**0.016**	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	**0.043**	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-50 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	45' DUP
Perchlorate	mg/Kg	0.0155	0.31	--	--	**1.5F1**	**0.17**	**2.5**	**1.3**	**0.85**	**0.049J**	**0.2**	**0.54**	**0.58**	**4.7**	**5.2**	**4**	**29**	**0.082**	**0.15F1**	**0.21**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.18)	ND(0.20)	ND(0.17)	ND(0.22)	ND(0.25)	ND(0.20)	ND(0.23)	ND(0.21)	ND(0.25)	ND(0.24)
Chromium	mg/Kg	--	--	--	--	**22**	**24**	**22**	**23**	**24**	**20**	**20**	**19**	**19**	**28**	**95**	**21**	**23**	**23**	**42**	**39**
Percent Moisture	%	--	--	--	--	**8.1**	**11.8**	**15.9**	**7.8**	**7.6**	**20**	**17.8**	**24.2**	**14.6**	**31.5**	**39.7**	**27.1**	**34.8**	**25.8**	**38.9**	**37.8**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0047)	ND(0.0049)	ND(0.0050)	ND(0.0057)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0051)	ND(0.0047)	ND(0.0067)	ND(0.0064)	ND(0.0049)	ND(0.0056)	ND(0.0063)	ND(0.011)	ND(0.0062)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0047)	ND(0.0049)	ND(0.0050)	ND(0.0057)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0051)	ND(0.0047)	ND(0.0067)	ND(0.0064)	ND(0.0049)	ND(0.0056)	ND(0.0063)	ND(0.011)	ND(0.0062)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0023)	ND(0.0024)	ND(0.0025)	ND(0.0029)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0025)	ND(0.0024)	ND(0.0033)	ND(0.0032)	ND(0.0025)	ND(0.0028)	ND(0.0032)	ND(0.0056)	ND(0.0031)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0075)	ND(0.0078)	ND(0.0080)	ND(0.0092)	ND(0.0076)	ND(0.0079)	ND(0.0086)	ND(0.0081)	**0.011J**	ND(0.011)	ND(0.010)	ND(0.0079)	ND(0.0089)	ND(0.010)	ND(0.018)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	**0.0062**	**0.0044**	**0.0034**	**0.0038**	ND(0.0013)	ND(0.0013)	**0.0014J**	**0.0013J**	ND(0.0013)	ND(0.0022)	**0.0012J**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0047)	ND(0.0049)	ND(0.0050)	ND(0.0057)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0051)	ND(0.0047)	ND(0.0067)	ND(0.0064)	ND(0.0049)	ND(0.0056)	ND(0.0063)	**0.027J**	ND(0.0062)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0093)	ND(0.0098)	ND(0.010)	ND(0.011)	ND(0.0095)	ND(0.0098)	ND(0.011)	ND(0.010)	ND(0.0095)	ND(0.013)	ND(0.013)	ND(0.0098)	ND(0.011)	ND(0.013)	ND(0.022)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	**31**	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-51 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**9.0**	**8.3**	**43**	**7.9**	**6.0**	**0.20**	**0.44**	**0.42**	**22**	**52**	**1,600**	**100**	**1.1**	**0.26**	**0.23**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.19J**	**0.21J**	**0.47**	**0.18J**	ND(0.17)	ND(0.19)	ND(0.16)	ND(0.16)	ND(0.17)	**0.24J**	**2.5**	ND(0.21)	ND(0.26)	ND(0.25)	ND(0.22)F1
Chromium	mg/Kg	--	--	--	--	**24**	**21**	**23**	**18**	**21**	**17**	**18**	**6.0**	**25**	**34**	**42**	**32**	**49**	**46**	**30**
Percent Moisture	%	--	--	--	--	**8.0**	**10**	**8.6**	**11.4**	**10.3**	**21.3**	**8.1**	**5.1**	**10.4**	**11.3**	**32.9**	**28.6**	**41.8**	**39.4**	**31.3**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00095)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0050)	ND(0.0055)	ND(0.0045)	ND(0.0073)	ND(0.0039)	ND(0.0054)	ND(0.0044)	ND(0.0045)	ND(0.0047)	ND(0.0057)	ND(0.0083)	ND(0.0050)	ND(0.0080)	ND(0.0089)	ND(0.0060)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0050)	ND(0.0055)	ND(0.0045)	ND(0.0073)	ND(0.0039)	ND(0.0054)	ND(0.0044)	ND(0.0045)	ND(0.0047)	ND(0.0057)	ND(0.0083)	ND(0.0050)	ND(0.0080)	ND(0.0089)	ND(0.0060)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0025)	ND(0.0028)	ND(0.0022)	ND(0.0036)	ND(0.0020)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0024)	ND(0.0028)	ND(0.0042)	ND(0.0025)	ND(0.0040)	ND(0.0045)	ND(0.0030)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0080)	ND(0.0088)	ND(0.0072)	ND(0.012)	ND(0.0063)	**0.035**	ND(0.0071)	ND(0.0071)	**0.015J**	ND(0.0091)	ND(0.013)	**0.016J**	**0.023J**	**0.061**	ND(0.0096)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	**0.0041**	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0027)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0055)	ND(0.0045)	ND(0.0073)	ND(0.0039)	ND(0.0054)	ND(0.0044)	ND(0.0045)	ND(0.0047)	ND(0.0057)	ND(0.0083)	ND(0.0050)	ND(0.0080)	ND(0.0089)	ND(0.0060)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.0013)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00095)	ND(0.0013)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.011)	ND(0.0090)	ND(0.015)	ND(0.0078)	ND(0.011)	ND(0.0089)	ND(0.0089)	ND(0.0095)	ND(0.011)	ND(0.017)	ND(0.0099)	ND(0.016)	ND(0.018)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00095)	ND(0.0013)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0027)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-52 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**1.3**	**0.32**	**0.029J**	**0.21**	**0.41**	**0.48F2 F1**	**0.15**	**0.098**	**0.15**	**0.89**	**2**	**0.77**	**11**	**9.5**	**7.7**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.17)	**2.6**	ND(0.18)	ND(0.22)	ND(0.23)	ND(0.17)	ND(0.22)	ND(0.18)	**0.31J**
Chromium	mg/Kg	--	--	--	--	**20B**	**25B**	**25B**	**26B**	**27B**	**18**	**20**	**17**	**26**	**35**	**50**	**20**	**34**	**31**	**69**
Percent Moisture	%	--	--	--	--	**6.7**	**10.6**	**11.7**	**14.6**	**9.1**	**13**	**13.7**	**12**	**17.7**	**31.2**	**33.6**	**10.6**	**29.8**	**20.4**	**36.6**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0050)	ND(0.0052)	ND(0.0044)	ND(0.0060)	ND(0.0041)	ND(0.0045)	ND(0.0043)	ND(0.0046)	ND(0.0048)	ND(0.0077)	ND(0.0069)	ND(0.0051)	ND(0.0061)	ND(0.0045)	ND(0.0065)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0050)	ND(0.0052)	ND(0.0044)	ND(0.0060)	ND(0.0041)	ND(0.0045)	ND(0.0043)	ND(0.0046)	ND(0.0048)	ND(0.0077)	ND(0.0069)	ND(0.0051)	ND(0.0061)	ND(0.0045)	ND(0.0065)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0030)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0039)	ND(0.0035)	ND(0.0026)	ND(0.0030)	ND(0.0023)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0080)	ND(0.0084)	ND(0.0070)	ND(0.0096)	ND(0.0066)	ND(0.0072)	ND(0.0069)	ND(0.0073)	ND(0.0076)	ND(0.012)	ND(0.011)	ND(0.0082)	ND(0.0097)	ND(0.0072)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	**0.0017J**	**0.0028**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0052)	ND(0.0044)	ND(0.0060)	ND(0.0041)	ND(0.0045)	ND(0.0043)	ND(0.0046)	ND(0.0048)	ND(0.0077)	ND(0.0069)	ND(0.0051)	ND(0.0061)	ND(0.0045)	ND(0.0065)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	**0.0063**	ND(0.0031)	ND(0.0028)	**0.020**	ND(0.0024)	ND(0.0018)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.0088)	ND(0.012)	ND(0.0083)	ND(0.0090)	ND(0.0087)	ND(0.0091)	ND(0.0095)	ND(0.015)	ND(0.014)	ND(0.010)	ND(0.012)	ND(0.0091)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-53 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.22 F1**	**0.15**	**0.077**	**0.21**	**0.46**	**0.27**	**0.13**	**0.16**	**0.86**	**0.26**	**0.72**	**3.6**	**2.2**	**4.0**	**1.5**	**0.96**	**2.3**	**0.99**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.18)	ND(0.21)	ND(0.19)	ND(0.18)	ND(0.16)	ND(0.22)	ND(0.21)
Chromium	mg/Kg	--	--	--	--	**20B**	**27B**	**24B**	**23B**	**25**	**17**	**22**	**17**	**18**	**15**	**17**	**10**	**33**	**51**	**17**	**16**	**36**	**26**
Percent Moisture	%	--	--	--	--	**6.9**	**8.6**	**10.4**	**12.1**	**22.9**	**22.2**	**20.7**	**20.9**	**8.7**	**11.7**	**8.9**	**14.9**	**29.1**	**20.5**	**16.7**	**7.6**	**32.1**	**29.3**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0047)	ND(0.0044)	ND(0.0020)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0042)	ND(0.0046)	ND(0.0051)	ND(0.0076)	ND(0.0064)	ND(0.0051)	ND(0.0045)	ND(0.0062)	ND(0.0052)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0047)	ND(0.0044)	ND(0.0020)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0042)	ND(0.0046)	ND(0.0051)	ND(0.0076)	ND(0.0064)	ND(0.0051)	ND(0.0045)	ND(0.0062)	ND(0.0052)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0023)	ND(0.0022)	ND(0.0010)	ND(0.0024)	ND(0.0027)	ND(0.0025)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0023)	ND(0.0025)	ND(0.0038)	ND(0.0032)	ND(0.0025)	ND(0.0022)	ND(0.0031)	ND(0.0026)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0075)	ND(0.0071)	ND(0.0032)	ND(0.0078)	ND(0.0086)	ND(0.0079)	**0.016J**	**0.0087J**	ND(0.0076)	ND(0.0068)	ND(0.0073)	ND(0.0081)	ND(0.012)	ND(0.010)	ND(0.0081)	ND(0.0071)	ND(0.0099)	ND(0.0083)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	**0.0039**	**0.0032**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0047)	ND(0.0044)	ND(0.0020)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0042)	ND(0.0046)	ND(0.0051)	ND(0.0076)	ND(0.0064)	ND(0.0051)	ND(0.0045)	ND(0.0062)	ND(0.0052)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	**0.0052J**	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0094)	ND(0.0089)	ND(0.0041)	ND(0.0097)	ND(0.011)	ND(0.0098)	ND(0.010)	ND(0.0097)	ND(0.0095)	ND(0.0085)	ND(0.0091)	ND(0.010)	ND(0.015)	ND(0.013)	ND(0.010)	ND(0.0089)	ND(0.012)	ND(0.010)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-54 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.090**	**0.10**	ND(0.011)	**0.10**	**0.061**	**0.25F1**	**0.083**	**0.25**	**0.21**	**0.46**	**0.33**	**23**	**27**	**7.9**	**4.4**	**5.7**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**1.3**	ND(0.18)	ND(0.19)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	**0.37J**	ND(0.20)	**0.54**	**0.28J**	ND(0.23)	ND(0.23)	**0.35J**
Chromium	mg/Kg	--	--	--	--	**40B**	**22B**	**18**	**26**	**14**	**21**	**19**	**19**	**19**	**45**	**45**	**38**	**30**	**36**	**43**	**54**
Percent Moisture	%	--	--	--	--	**11.7**	**16.5**	**16.8**	**20.3**	**11.4**	**11.5**	**10.6**	**8.8**	**8.4**	**26.9**	**25.6**	**35.7**	**32.9**	**36.3**	**34.9**	**37**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	**0.0015J**	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0042)	ND(0.0065)	ND(0.0045)	ND(0.0036)	ND(0.0057)	ND(0.0044)	ND(0.0043)	ND(0.0044)	ND(0.0043)	ND(0.0068)	ND(0.0062)	ND(0.0074)	ND(0.0081)	ND(0.0069)	ND(0.0069)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0042)	ND(0.0065)	ND(0.0045)	ND(0.0036)	ND(0.0057)	ND(0.0044)	ND(0.0043)	ND(0.0044)	ND(0.0043)	ND(0.0068)	ND(0.0062)	ND(0.0074)	ND(0.0081)	ND(0.0069)	ND(0.0069)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0021)	ND(0.0033)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0034)	ND(0.0031)	ND(0.0037)	ND(0.0040)	ND(0.0034)	ND(0.0035)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0068)	ND(0.010)	ND(0.0071)	ND(0.0057)	ND(0.0092)	ND(0.0070)	ND(0.0069)	ND(0.0071)	ND(0.0069)	ND(0.011)	ND(0.0099)	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	**0.0028**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0042)	ND(0.0065)	ND(0.0045)	ND(0.0036)	ND(0.0057)	ND(0.0044)	ND(0.0043)	ND(0.0044)	ND(0.0043)	ND(0.0068)	ND(0.0062)	ND(0.0074)	ND(0.0081)	ND(0.0069)	ND(0.0069)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0085)	ND(0.013)	ND(0.0089)	ND(0.0071)	ND(0.011)	ND(0.0087)	ND(0.0086)	ND(0.0088)	ND(0.0086)	ND(0.014)	ND(0.012)	ND(0.015)	ND(0.016)	ND(0.014)	ND(0.014)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	**0.0016J**	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	**0.0014J**	**0.0021J**	**0.0019J**	**0.0024J**	**0.0024J**	ND(0.0014)	ND(0.0014)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-55 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**7.1**	**1.7**	**1.7**	**2.1**	**3.5**	**7.8**	**11**	**18**	**77**	**80**	**18**	**10**
Hexavalent chromium	mg/Kg	2	40	--	--	**3.9**	**0.19J**	**0.27J**	**0.61**	**0.56**	**1.00**	**0.57**	**0.47**	**1.3**	**1.9**	**0.6**	**0.46**
Chromium	mg/Kg	--	--	--	--	**21**	**17**	**19**	**20**	**14**	**36**	**47**	**51**	**100**	**81**	**41**	**47**
Percent Moisture	%	--	--	--	--	**14.8**	**14**	**16.1**	**10.9**	**17.8**	**20.3**	**24.1**	**23.8**	**39.9**	**43.4**	**39.1**	**34.7**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)F2	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2 F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0065)	ND(0.0058)	ND(0.0060)	ND(0.0050)	ND(0.0054)	ND(0.0064)F2	ND(0.0060)	ND(0.0049)	ND(0.0090)	ND(0.0088)	ND(0.0069)	ND(0.0072)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0065)	ND(0.0058)	ND(0.0060)	ND(0.0050)	ND(0.0054)	ND(0.0064)F2	ND(0.0060)	ND(0.0049)	ND(0.0090)	ND(0.0088)	ND(0.0069)	ND(0.0072)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0033)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0027)	ND(0.0032)F2	ND(0.0030)	ND(0.0024)	ND(0.0045)	ND(0.0044)	ND(0.0035)	ND(0.0036)
Acetone	mg/Kg	0.8	16	--	--	ND(0.010)	ND(0.0092)	ND(0.0096)	ND(0.0081)	ND(0.0087)	ND(0.010)F2	ND(0.0096)	ND(0.0078)	ND(0.014)	ND(0.014)	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)F2	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0048**	**0.0039**	**0.016**	**0.0021**	**0.0058**	**0.0058F2**	**0.091**	**0.027**	**0.150**	**0.130**	**0.18**	**0.019**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2 F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0065)	ND(0.0058)	ND(0.0060)	ND(0.0050)	ND(0.0054)	ND(0.0064)F2	ND(0.0060)	ND(0.0049)	ND(0.0090)	ND(0.0088)	ND(0.0069)	ND(0.0072)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)F2	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.013)*	ND(0.012)	ND(0.0098)	ND(0.018)	ND(0.018)	ND(0.014)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	**0.0024J**	ND(0.0018)	**0.0028**	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-56 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**39**	**16**	**1.2**	**3.6**	**5.7**	**6.5**	**2.8**	**7.4**	**30**	**66**	**100**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.72**	**0.25J**	**0.20J**	ND(0.17)	**1.1**	**0.35J**	**0.28J**	**0.91**	**2.1**	**1.2**	**2.5**
Chromium	mg/Kg	--	--	--	--	**33**	**17**	**25**	**49**	**42**	**66**	**32**	**45**	**92**	**42**	**55**
Percent Moisture	%	--	--	--	--	**14.8**	**13.2**	**17.1**	**8.0**	**18.8**	**26.6**	**12.1**	**17**	**43**	**36.3**	**37.5**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0043)	ND(0.0029)	ND(0.0030)	ND(0.0061)	ND(0.0059)	ND(0.0082)	ND(0.0054)	ND(0.0085)	ND(0.011)	ND(0.0074)	ND(0.011)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0043)	ND(0.0029)	ND(0.0030)	ND(0.0061)	ND(0.0059)	ND(0.0082)	ND(0.0054)	ND(0.0085)	ND(0.011)	ND(0.0074)	ND(0.011)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0021)	ND(0.0015)	ND(0.0015)	ND(0.0031)	ND(0.0029)	ND(0.0041)	ND(0.0027)	ND(0.0042)	ND(0.0055)	ND(0.0037)	ND(0.0056)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0069)	ND(0.0047)	ND(0.0048)	ND(0.0098)	ND(0.0094)	ND(0.013)	ND(0.0087)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.018)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0038**	**0.013**	**0.0021**	**0.010**	**0.011**	**0.049**	**0.0039**	**0.220**	**0.100**	**0.210**	**0.150**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0029)	ND(0.0030)	ND(0.0061)	ND(0.0059)	ND(0.0082)	ND(0.0054)	ND(0.0085)	ND(0.011)	ND(0.0074)	ND(0.011)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0086)	ND(0.0059)	ND(0.0060)	ND(0.012)	ND(0.012)	ND(0.016)	ND(0.011)	ND(0.017)	ND(0.022)	ND(0.015)	ND(0.022)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	**0.0026**	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	**0.0053**	ND(0.0022)	**0.0041**	**0.0026J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-57 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**4.2**	**0.54**	**1.4**	**1.8**	**3.5**	**15**	**15**	**62**	**110**	**640**	**350**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.3**	**1.6**	**1.0**	**0.44**	**0.41**	**0.60**	**0.57**	**2.6**	**4.5**	**8.0**	**3.3**
Chromium	mg/Kg	--	--	--	--	**61**	**38**	**33**	**21**	**29**	**99**	**120**	**52**	**54**	**63**	**49**
Percent Moisture	%	--	--	--	--	**9.8**	**17**	**10.3**	**9.1**	**14.7**	**24.3**	**29.8**	**31**	**40.3**	**38.7**	**37.8**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0050)	ND(0.0055)	ND(0.0072)	ND(0.0045)	ND(0.0050)	ND(0.0066)	ND(0.0067)	ND(0.0055)	ND(0.0075)	ND(0.0075)	ND(0.0084)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0050)	ND(0.0055)	ND(0.0072)	ND(0.0045)	ND(0.0050)	ND(0.0066)	ND(0.0067)	ND(0.0055)	ND(0.0075)	ND(0.0075)	ND(0.0084)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0025)	ND(0.0027)	ND(0.0036)	ND(0.0022)	ND(0.0025)	ND(0.0033)	ND(0.0033)	ND(0.0028)	ND(0.0038)	ND(0.0038)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0080)	ND(0.0088)	ND(0.011)	ND(0.0071)	ND(0.0080)	ND(0.011)	ND(0.011)	ND(0.0089)	ND(0.012)	ND(0.012)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0057**	**0.0041**	**0.0028J**	**0.0021**	**0.0018J**	**0.059**	**0.024**	**0.420**	**0.640**	**0.410**	**0.170**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0055)	ND(0.0072)	ND(0.0045)	ND(0.0050)	ND(0.0066)	ND(0.0067)	ND(0.0055)	ND(0.0075)	ND(0.0075)	ND(0.0084)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.011)	ND(0.014)	ND(0.0089)	ND(0.0099)	ND(0.013)	ND(0.013)	ND(0.011)	ND(0.015)	ND(0.015)	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	**0.0046**	**0.0054**	**0.0035**	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-58 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**540**	**810**	**84**	**200**	**3,400**	**18,000**	**2,300**	**330**	**120**	**57**	**48**
Hexavalent chromium	mg/Kg	2	40	--	--	**18**	**18**	**3.8**	**6.5**	**42**	**210**	**29**	**4.0**	**2.0**	**0.67**	**0.71**
Chromium	mg/Kg	--	--	--	--	**48**	**42**	**23**	**18**	**69**	**250**	**32**	**75**	**43**	**32**	**31**
Percent Moisture	%	--	--	--	--	**14.2**	**9.6**	**13.1**	**15.9**	**17.5**	**33.7**	**18.7**	**41.6**	**35.6**	**32.6**	**37.6**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0043)	ND(0.0039)	ND(0.0035)	ND(0.0048)	ND(0.0054)	ND(0.0064)	ND(0.0046)	ND(0.0067)	ND(0.0061)	ND(0.0059)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0043)	ND(0.0039)	ND(0.0035)	ND(0.0048)	ND(0.0054)	ND(0.0064)	ND(0.0046)	ND(0.0067)	ND(0.0061)	ND(0.0059)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0021)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0068)	ND(0.0063)	ND(0.0057)	**0.0099J**	**0.030**	**0.048**	**0.0092J**	ND(0.011)	ND(0.0097)	ND(0.0094)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0028**	**0.0047**	**0.012**	**0.0050**	**0.0054**	**0.015**	**0.0038**	**0.380**	**0.430**	**0.19**	**0.082**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0039)	ND(0.0035)	ND(0.0048)	ND(0.0054)	ND(0.0064)	ND(0.0046)	ND(0.0067)	ND(0.0061)	ND(0.0059)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00086)	ND(0.00078)	**0.0010J**	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0086)	ND(0.0078)	ND(0.0071)	ND(0.0096)	ND(0.011)	ND(0.013)	ND(0.0091)	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	**0.0013J**	ND(0.0012)	ND(0.0012)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-59 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**110**	**280**	**980**	**150**	**790**	**8,000**	**2,400**	**990**	**2,300**	**1,900**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**6.9**	**16**	**3.3**	**4.7**	**70**	**18**	**14**	**39**	**27**	**17**
Chromium	mg/Kg	--	--	--	--	**24**	**29**	**44**	**16**	**25**	**120**	**60**	**36**	**78**	**60**	**57**
Percent Moisture	%	--	--	--	--	**8.4**	**18.9**	**11.3**	**18.1**	**9.9**	**28.7**	**24.9**	**25.6**	**34.9**	**39.6**	**37.1**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0043)	ND(0.0059)	ND(0.0034)	ND(0.0049)	ND(0.0034)	ND(0.0059)	ND(0.0063)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0069)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0043)	ND(0.0059)	ND(0.0034)	ND(0.0049)	ND(0.0034)	ND(0.0059)	ND(0.0063)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0069)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0021)	ND(0.0030)	ND(0.0017)	ND(0.0025)	ND(0.0017)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0030)	ND(0.0034)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0068)	ND(0.0095)	ND(0.0055)	ND(0.0079)	**0.0080J**	**0.016J**	ND(0.010)	ND(0.011)	ND(0.0097)	ND(0.011)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	**0.0013J**	**0.0021J**	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	**0.0033J**	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0044**	**0.013**	**0.010**	**0.0084**	**0.0025**	**0.046**	**0.0033**	**0.085**	**0.360**	**0.540**	**0.240**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	0.0014J	0.0022J	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0059)	ND(0.0034)	ND(0.0049)	ND(0.0034)	ND(0.0059)	ND(0.0063)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0069)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0085)	ND(0.012)	ND(0.0069)	ND(0.0098)	ND(0.0068)	ND(0.012)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)F1	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-60 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**170**	**690**	**2,000**	**870**	**560**	**900**	**1,300**	**1,300**	**820**	**1,500**	**410**	**1,000**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**9.1**	**28**	**13**	**9.2**	**17**	**5.1**	**10**	**4.7**	**5.6**	**1.0**	**4.6**	**4.6**
Chromium	mg/Kg	--	--	--	--	**26**	**38**	**59**	**34**	**27**	**55**	**53**	**53**	**35**	**38**	**24**	**40**	**42**
Percent Moisture	%	--	--	--	--	**11.1**	**9.5**	**12.5**	**15**	**12.5**	**15.9**	**14.1**	**11.7**	**11**	**10.3**	**12.4**	**17.1**	**29**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0048)	ND(0.0056)	ND(0.0051)	ND(0.0048)	ND(0.0047)	ND(0.0050)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0045)	ND(0.0050)	ND(0.0052)	ND(0.0065)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0048)	ND(0.0056)	ND(0.0051)	ND(0.0048)	ND(0.0047)	ND(0.0050)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0045)	ND(0.0050)	ND(0.0052)	ND(0.0065)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0028)	ND(0.0026)	ND(0.0024)	ND(0.0023)	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0024)	ND(0.0023)	ND(0.0025)	ND(0.0026)	ND(0.0032)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0077)	ND(0.0090)	ND(0.0082)	ND(0.0077)	ND(0.0075)	**0.026**	**0.015J**	**0.0094J**	**0.014J**	ND(0.0072)	ND(0.0080)	ND(0.0084)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0031**	**0.0013J**	**0.0024**	**0.012**	**0.0029**	**0.0029**	**0.0025**	**0.0012J**	**0.0045**	**0.0055**	**0.0089**	**0.060**	**0.040**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0056)	ND(0.0051)	ND(0.0048)	ND(0.0047)	ND(0.0050)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0045)	ND(0.0050)	ND(0.0052)	ND(0.0065)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0022)	**0.0021J**	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0097)	ND(0.011)	ND(0.010)	ND(0.0096)	ND(0.0094)	ND(0.010)	ND(0.011)	ND(0.0088)	ND(0.0096)	ND(0.0090)	ND(0.0099)	ND(0.010)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-61 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface									
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	10'	12.5'	15'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**74**	**620**	**790**	**570**	**130**	**530**	**250**	**380**	**420**	**380**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.65**	**20**	**33**	**25**	**10**	**35**	**9.7**	**23**	**34**	**60**
Chromium	mg/Kg	--	--	--	--	**23**	**49**	**63**	**62**	**32**	**56**	**49**	**62**	**67**	**98**
Percent Moisture	%	--	--	--	--	**14.1**	**13.1**	**11.2**	**14.8**	**7.3**	**5.7**	**7.3**	**10**	**10.8**	**14.3**
VOCs															
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0036)	ND(0.0044)	ND(0.0060)	ND(0.0059)	ND(0.0045)	ND(0.0048)	**0.013**	ND(0.0047)	ND(0.0060)	ND(0.0051)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0036)	ND(0.0044)	ND(0.0060)	ND(0.0059)	ND(0.0045)	ND(0.0048)	ND(0.0044)	ND(0.0047)	ND(0.0060)	ND(0.0051)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0018)	ND(0.0022)	ND(0.0030)	ND(0.0029)	ND(0.0022)	ND(0.0024)	**0.0028J**	ND(0.0023)	ND(0.0030)	ND(0.0025)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0058)	ND(0.0071)	ND(0.0096)	**0.011J**	**0.014J**	**0.050**	**0.100**	**0.034**	**0.024**	**0.017J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.013**	ND(0.00089)	**0.0085**	**0.0046**	**0.0051**	**0.0056**	**0.0016J**	**0.0030**	**0.0033**	**0.0081**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0036)	ND(0.0044)	ND(0.0060)	ND(0.0059)	ND(0.0045)	ND(0.0048)	ND(0.0044)	ND(0.0047)	ND(0.0060)	ND(0.0051)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0072)	ND(0.0089)	ND(0.012)	ND(0.012)	ND(0.0090)	ND(0.0095)	**0.0092J ID**	ND(0.0094)	ND(0.012)	ND(0.010)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-62 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**11**	**16**	**240**	**37**	**27**	**1,700**	**3,300**	**2,600**	**25,000**	**3,700**	**3,600**	**640**	**400**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.21J**	**0.50**	**1.3**	**0.59**	**0.60**	**6.8**	**9.4**	**7.3**	**170**	**25**	**25**	**4.9**	**2.8**
Chromium	mg/Kg	--	--	--	--	**16**	**21**	**59**	**23**	**16**	**21**	**27**	**21**	**200**	**60**	**78**	**38**	**44**
Percent Moisture	%	--	--	--	--	**7.9**	**22.4**	**8.9**	**21.1**	**7.9**	**6.9**	**6.5**	**9.7**	**32.3**	**27.8**	**37.8**	**35**	**36.8**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0033)	ND(0.0041)	ND(0.0028)	ND(0.0049)	ND(0.0049)	ND(0.0051)	ND(0.0045)	ND(0.0048)	**0.013J**	ND(0.0056)	ND(0.0075)	ND(0.0065)	ND(0.0074)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0033)	ND(0.0041)	ND(0.0028)	ND(0.0049)	ND(0.0049)	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0073)	ND(0.0056)	ND(0.0075)	ND(0.0065)	ND(0.0074)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0017)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0036)	ND(0.0028)	ND(0.0038)	ND(0.0032)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0053)	ND(0.0065)	ND(0.0045)	ND(0.0078)	ND(0.0078)	ND(0.0082)	**0.0081J**	**0.0094J**	**0.047**	ND(0.0089)	ND(0.012)	ND(0.010)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	**0.0015J**	ND(0.0013)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	**0.0026J**	ND(0.0030)	ND(0.0026)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00066)	**0.0018**	**0.0081**	**0.019**	**0.012**	**0.013**	**0.0080**	**0.0042**	**0.024**	**0.310**	**0.590**	**0.280**	**0.23**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	0.0017J	ND(0.0013)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0033)	ND(0.0041)	ND(0.0028)	ND(0.0049)	ND(0.0049)	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0073)	ND(0.0056)	ND(0.0075)	ND(0.0065)	ND(0.0074)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0066)	ND(0.0081)	ND(0.0056)	ND(0.0097)	ND(0.0097)	ND(0.010)	ND(0.0091)	ND(0.0095)	ND(0.015)	ND(0.011)	ND(0.015)	ND(0.013)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	**0.0011J**	ND(0.0015)	ND(0.0013)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-63 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																				
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	40'	50'	60'	70'	72.5'	80'	90'	100'	110'	120'	130'	140'	150'	160'	170'	180'	190'	200'	210'	220'	230'	240'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**39**	**29**	**14**	**18F2**	**3.2**	**400**	**1100**	**540**	**430**	**3**	**0.061J**	**0.053J**	**0.018J**	**0.038J**	**0.025J**	**0.067F1**	**0.093**	**0.016J**	ND(0.013)	**0.034J**	**0.11**	ND(0.012)
Hexavalent chromium	mg/Kg	2	40	--	--	**0.34J**	**1.2**	**0.70**	**0.46**	**0.55**	**4.3**	**32**	**13**	**12**	ND(0.24)	ND(0.27)	ND(0.25)	ND(0.26)	ND(0.23)	ND(0.24)	ND(0.23)	**0.44J**	ND(0.21)	ND(0.20)	ND(0.20)	ND(0.17)	ND(0.19)
Chromium	mg/Kg	--	--	--	--	**25**	**36**	**29**	**16**	**11**	**51**	**91**	**41**	**34**	**29**	**28**	**50**	**110**	**23**	**30**	**24**	**45**	**27**	**30**	**27**	**33**	**28**
Percent Moisture	%	--	--	--	--	**29.6**	**36.4**	**31.7**	**25.6**	**9.7**	**32.5**	**40.1**	**35.6**	**37**	**37.7**	**43.7**	**38.9**	**42.0**	**35.7**	**36.2**	**32.8**	**39**	**29.5**	**24.5**	**24.8**	**12.7**	**20.0**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0045)	ND(0.0069)	ND(0.0056)	ND(0.0028)	ND(0.0054)	ND(0.0028)	ND(0.0034)	ND(0.0077)	ND(0.0065)	ND(0.0058)H	ND(0.0087)	ND(0.0065)	ND(0.0081)	ND(0.0072)	ND(0.0073)	ND(0.0064)	ND(0.0071)	ND(0.0059)	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0045)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0045)	ND(0.0069)	ND(0.0056)	ND(0.0028)	ND(0.0054)	ND(0.0028)	ND(0.0034)	ND(0.0077)	ND(0.0065)	ND(0.0058)H	ND(0.0087)	ND(0.0065)	ND(0.0081)	ND(0.0072)	ND(0.0073)	ND(0.0064)	ND(0.0071)	ND(0.0059)	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0045)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0023)	ND(0.0034)	**0.019**	ND(0.0014)	ND(0.0027)	ND(0.0014)	ND(0.0017)	ND(0.0039)	ND(0.0032)	ND(0.0029)H	ND(0.0044)	ND(0.0033)	ND(0.0041)	ND(0.0036)	ND(0.0037)	ND(0.0032)	ND(0.0035)	ND(0.0030)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0023)
Acetone	mg/Kg	0.8	16	--	--	**0.019**	ND(0.011)	**0.012J**	**0.048**	ND(0.0087)	**0.083**	**0.0085J**	ND(0.012)	ND(0.010)	**0.011J H**	ND(0.014)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.010)F1	ND(0.011)	ND(0.0095)	ND(0.0089)	ND(0.0090)	ND(0.0076)	ND(0.0073)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	**0.00092J**	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	**0.0010J**	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.048**	**0.030**	**0.019**	**0.013**	**0.0058**	**0.180**	**1.400**	**0.410**	**0.190**	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0018)	ND(0.0027)	**0.0029J**	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0045)	ND(0.0069)	ND(0.0056)	ND(0.0028)	ND(0.0054)	ND(0.0028)	ND(0.0034)	ND(0.0077)	ND(0.0065)	ND(0.0058)H	ND(0.0087)	ND(0.0065)	ND(0.0081)	ND(0.0072)	ND(0.0073)	ND(0.0064)	ND(0.0071)	ND(0.0059)	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0045)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00091)	ND(0.0014)	**0.0020J**	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0091)	ND(0.014)	ND(0.011)	**0.015J**	ND(0.011)	**0.018J**	ND(0.0067)	ND(0.015)	ND(0.013)	ND(0.012)H	ND(0.017)	ND(0.013)	ND(0.016)	ND(0.014)	ND(0.015)	ND(0.013)	ND(0.014)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.0095)	ND(0.0091)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00

Borehole U4U5-64 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	30'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**910**	**80**	**330**	**16**	**18**	**820**	**3100**	**3300**	**22**	**0.14**	**0.078**	**0.016J**
Hexavalent chromium	mg/Kg	2	40	--	--	**6.5**	**0.56**	**1.6**	**0.26J**	**0.57**	**22**	**38**	**13**	ND(0.23)	ND(0.24)	ND(0.27)	ND(0.25)
Chromium	mg/Kg	--	--	--	--	**47**	**29**	**11**	**34**	**25**	**42**	**91**	**32**	**29**	**35**	**27**	**41**
Percent Moisture	%	--	--	--	--	**37.0**	**34.1**	**16.5**	**34.2**	**37.7**	**27.0**	**42.6**	**34.2**	**34.1**	**37.7**	**44.5**	**40.3**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0068)	ND(0.0058)	**0.0084J**	ND(0.0067)	ND(0.0069)	ND(0.0056)	ND(0.0088)	ND(0.0068)	ND(0.0058)	ND(0.0075)	ND(0.0076)	ND(0.0073)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0068)	ND(0.0058)	ND(0.0043)	ND(0.0067)	ND(0.0069)	ND(0.0056)	ND(0.0088)	ND(0.0068)	ND(0.0058)	ND(0.0075)	ND(0.0076)	ND(0.0073)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0034)	ND(0.0029)	ND(0.0022)	ND(0.0034)	ND(0.0035)	ND(0.0028)	ND(0.0044)	ND(0.0034)	ND(0.0029)	ND(0.0038)	ND(0.0038)	ND(0.0036)
Acetone	mg/Kg	0.8	16	--	--	**0.021J**	**0.13**	**0.26**	**0.018J**	**0.41**	**0.11**	ND(0.014)	ND(0.011)	ND(0.0092)	ND(0.012)	ND(0.012)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	**0.0017J**	**0.0038**	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	0.0012J	0.0018J	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Chlorate	mg/Kg	1.03	20.6	--	--	**1800**	**150**	**250**	**26**	**31**	**2400**	**6500**	**4600**	**49**	**0.41**	NA	NA
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.30**	**0.017**	**0.024**	**0.020**	**0.0083**	**1.9**	**2.100**	**0.73**	**0.0024**	ND(0.0015)	ND(0.0015)	ND(0.0015)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0027)*	ND(0.0023)*	ND(0.0017)*	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	**0.0013J**	ND(0.0013)	**0.0021J**	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0068)	ND(0.0058)	ND(0.0043)	ND(0.0067)	ND(0.0069)	ND(0.0056)	ND(0.0088)	ND(0.0068)	ND(0.0058)	ND(0.0075)	ND(0.0076)	ND(0.0073)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Nitrate as N	mg/Kg	7	140	--	--	**6.0**	**1.4J**	**2.2**	**1.3J**	ND(1.3)	**6.8**	**20**	**13**	ND(1.2)	ND(1.3)	NA	NA
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Sulfate	mg/Kg	--	--	--	--	**920**	**410**	**430**	**330**	**570**	**490**	**680**	**200**	**71**	**66**	NA	NA
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.014)	**0.034J**	**0.087**	ND(0.013)	**0.120J**	**0.013J ID**	**0.022J ID**	ND(0.014)	ND(0.012)	ND(0.015)	ND(0.015)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	**0.0017J**	**0.0017J**	**0.0013J**	**0.0013J**	**0.0017J**	ND(0.0011)	**0.0020J**	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-65 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	25'	30'	40'	50'	60'	66'	70'	80'	90'	100'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**770**	**1500**	**33**	**19**	**1.6**	**0.44**	**17**	**380**	**540**	**170**	**14**	**0.11**	ND(0.016)	ND(0.015)
Hexavalent chromium	mg/Kg	2	40	--	--	**42**	**48**	**0.60**	**0.28J**	**0.54**	**0.67**	**1.4**	**29**	**62**	**7.4**	**1.1**	ND(0.24)	ND(0.25)	ND(0.24)F1
Chromium	mg/Kg	--	--	--	--	**77**	**89**	**56**	**41**	**48**	**19**	**34**	**66**	**170F1**	**31**	**68**	**66**	**33**	**39**
Percent Moisture	%	--	--	--	--	**15.1**	**37.3**	**38.2**	**35.5**	**32.7**	**11.0**	**27.8**	**32.9**	**39.7**	**30.6**	**34.3**	**38.0**	**40.5**	**36.6**
VOCs																			
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0053)	ND(0.0069)	ND(0.0064)	ND(0.0054)	ND(0.0061)	ND(0.0048)	ND(0.0053)	ND(0.0059)	ND(0.0071)	ND(0.0061)	ND(0.0082)	ND(0.0071)	ND(0.0083)	ND(0.007)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0053)	ND(0.0069)	ND(0.0064)	ND(0.0054)	ND(0.0061)	ND(0.0048)	ND(0.0053)	ND(0.0059)	ND(0.0071)	ND(0.0061)	ND(0.0082)	ND(0.0071)	ND(0.0083)	ND(0.007)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0027)	ND(0.0034)	ND(0.0032)	ND(0.0027)	ND(0.0031)	ND(0.0024)	ND(0.0026)	ND(0.0029)	ND(0.0036)	ND(0.0031)	ND(0.0041)	ND(0.0036)	ND(0.0042)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0085)	ND(0.011)	ND(0.010)	ND(0.0087)	ND(0.0098)	ND(0.0077)	ND(0.0085)	ND(0.0094)	ND(0.011)	ND(0.0098)	**0.043**	ND(0.011)	ND(0.013)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	**0.0020J**	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	**0.0054J**	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	**0.0023J**	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.130J**	**0.240J**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.005**	**0.720**	**0.0093**	**0.0056**	**0.003**	ND(0.00096)	**0.110**	**2.200**	**5.200**	**0.200**	**0.028**	ND(0.0014)	ND(0.0017)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	**0.0018J**	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0053)	ND(0.0069)	ND(0.0064)	ND(0.0054)	ND(0.0061)	ND(0.0048)	ND(0.0053)	ND(0.0059)	ND(0.0071)	ND(0.0061)	ND(0.0082)	ND(0.0071)	ND(0.0083)	ND(0.007)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Nitrate as N	mg/Kg	7	140	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(1.3)	ND(1.3)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**80**	**67F1**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.014)	ND(0.013)	ND(0.011)	ND(0.012)	ND(0.0096)	ND(0.011)	ND(0.012)	ND(0.014)	ND(0.012)	0.034J ID	ND(0.014)	ND(0.017)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	**0.0015J**	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	**0.0018J**	ND(0.0014)	ND(0.0017)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	**0.0012J**	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-66 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	30'	40'	50'	62.5'	70'	75'	80'	90'	100'	105'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**4,500**	**16**	**0.45**	**140**	**1.4**	**3.6**	**410**	**49**	**8.2**	**16**	**7.1**	**0.48**	**0.078**	**0.27**
Hexavalent chromium	mg/Kg	2	40	--	--	**9.0**	ND(0.22)	ND(0.21)	0.37J	0.29J	ND(0.17)	0.63	ND(0.24)	ND(0.23)	ND(0.19)	ND(0.23)	ND(0.25)	ND(0.25)	ND(0.23)
Chromium	mg/Kg	--	--	--	--	**45**	**32**	**33**	**33**	**27**	**17**	**25**	**34**	**22**	**20**	**46**	**28**	**42**	**44**
Percent Moisture	%	--	--	--	--	**29.7**	**31.6**	**30.0**	**30.1**	**33.9**	**12.6**	**37.5**	**36.1**	**33.2**	**22.9**	**35.3**	**39**	**39.1**	**35.5**
VOCs																			
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0066)	ND(0.0062)	ND(0.0060)	ND(0.0059)	ND(0.0062)	ND(0.0049)	ND(0.0066)	ND(0.0069)	ND(0.0071)	ND(0.0061)	ND(0.0068)	ND(0.008)	ND(0.0075)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0066)	ND(0.0062)	ND(0.0060)	ND(0.0059)	ND(0.0062)	ND(0.0049)	ND(0.0066)	ND(0.0069)	ND(0.0071)	ND(0.0061)	ND(0.0068)	ND(0.008)	ND(0.0075)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0033)	ND(0.0031)	ND(0.003)	ND(0.003)	ND(0.0031)	ND(0.0024)	ND(0.0033)	ND(0.0034)	ND(0.0036)	ND(0.0030)	ND(0.0034)	ND(0.004)	ND(0.0038)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.011)	ND(0.0099)	ND(0.0096)	**0.180**	**0.250**	ND(0.0078)	**0.230**	ND(0.011)	**0.041**	ND(0.0097)	**0.340**	**0.220**	ND(0.012)	**0.021J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)*	ND(0.0025)*	ND(0.0020)*	ND(0.0026)*	ND(0.0028)	ND(0.0028)	ND(0.0024)*	ND(0.0027)*	ND(0.0032)*	ND(0.0030)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.012**	**0.0046**	**0.0015J**	**0.0039**	**0.0038**	ND(0.00098)	**0.150**	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	**0.0014J**	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0066)	ND(0.0062)	ND(0.0060)	ND(0.0059)	ND(0.0062)	ND(0.0049)	ND(0.0066)	ND(0.0069)	ND(0.0071)	ND(0.0061)	ND(0.0068)	ND(0.008)	ND(0.0075)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	0.0018J	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	**0.062J**	ND(0.012)	ND(0.012)	**0.062J**	**0.065J**	**0.032J ID**	**0.069J**	ND(0.014)	ND(0.014)	ND(0.012)	**0.110J**	**0.064J**	ND(0.015)	**0.019J ID**
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	**0.0018J**	**0.0025**	**0.0017J**	**0.0019J**	ND(0.0014)	ND(0.0014)	ND(0.0012)	**0.0024J**	**0.0025J**	ND(0.0015)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-67 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																			
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	48'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**3.1**	**5.5**	**1.1**	**0.56**	**0.059**	**1.4**	**1.4**	**1.4**	**1.5**	**1.2**	**1.8**	**2.1**	**1.6**	**17**	**11**	**150**	**470**	NA	NA	NA	NA	NA	NA
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.22)	ND(0.19)	ND(0.23)	**0.40J**	NA	NA	NA	NA	NA	NA
Chromium	mg/Kg	--	--	--	--	**25**	**19**	**19**	**15**	**24**	**19**	**16**	**20**	**20**	**18**	**16**	**16**	**16**	**34**	**21**	**28**	**35**	NA	NA	NA	NA	NA	NA
Percent Moisture	%	--	--	--	--	**6.7**	**6.7**	**8.5**	**4.4**	**10.9**	**7.4**	**7.4**	**7.9**	**8.5**	**8.1**	**7.8**	**8.2**	**7.6**	**31.3**	**19.9**	**35.5**	**37.9**	**18.1**	**32.4**	**31.6**	**33.4**	**33.8**	**38.1**
VOCs																												
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0053)	ND(0.0054)	ND(0.0055)	ND(0.0051)	ND(0.0056)	ND(0.0053)	ND(0.0064)	ND(0.011)	ND(0.0091)	ND(0.0059)	ND(0.0061)	ND(0.0051)	ND(0.0051)	ND(0.011)	ND(0.0088)	ND(0.0082)	ND(0.011)	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0053)	ND(0.0054)	ND(0.0055)	ND(0.0051)	ND(0.0056)	ND(0.0053)	ND(0.0064)	ND(0.011)	ND(0.0091)	ND(0.0059)	ND(0.0061)	ND(0.0051)	ND(0.0051)	ND(0.011)	ND(0.0088)	ND(0.0082)	ND(0.011)	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0026)	ND(0.0028)	ND(0.0026)	ND(0.0032)	ND(0.0055)	ND(0.0046)	ND(0.0030)	ND(0.0031)	ND(0.0026)	ND(0.0025)	ND(0.0054)	ND(0.0044)	ND(0.0041)	ND(0.0055)	NA	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0085)	ND(0.0086)	ND(0.0087)	ND(0.0082)	ND(0.0089)	ND(0.0085)	ND(0.010)	ND(0.018)	ND(0.015)	ND(0.0095)	ND(0.0098)	ND(0.0082)	ND(0.0081)	ND(0.017)	ND(0.014)	ND(0.013)	ND(0.018)	NA	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**0.46**	**0.14J**	NA	NA	**0.11J**	NA	NA	NA	**0.20J**	NA	NA	NA	**350**	**110**	**190**	**31**	**190**	**460**	**1,400**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	**0.031**	**0.020**	NA	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0053)	ND(0.0054)	ND(0.0055)	ND(0.0051)	ND(0.0056)	ND(0.0053)	ND(0.0064)	ND(0.011)	ND(0.0091)	ND(0.0059)	ND(0.0061)	ND(0.0051)	ND(0.0051)	ND(0.011)	ND(0.0088)	ND(0.0082)	ND(0.011)	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	7	140	--	--	NA	NA	NA	NA	**0.96J**	**2.1**	NA	NA	**2.2**	NA	NA	NA	**1.4**	NA	NA	NA	**9.4**	ND(0.98)	**1.3J**	ND(1.2)	ND(1.2)	ND(1.2)	**3.0**
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**990**	**98**	NA	NA	**160**	NA	NA	NA	**11,000**	NA	NA	NA	**13,000**	**210**	**490**	**270F1**	**300**	**340**	**630**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.013)	ND(0.022)	ND(0.018)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.021)	ND(0.018)	ND(0.016)	ND(0.022)	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20

Borehole U4U5-68 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																					
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**1.3**	**1.2**	**0.79**	**0.60**	**0.21**	**0.26**	**0.20**	**0.22**	**0.26F1**	**0.15**	**0.17**	**0.22**	**0.32**	**1.8**	**0.44**	**2.5**	**42**	**2.0F1**	**1.8**	**0.64**	**0.63**	**0.79**	**1.9F1**	**2.1F1**	**2.1**	**0.014J**	ND(0.016)	ND(0.015)
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	**0.33**	ND(0.16)	**0.16J**	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.18)	ND(0.16)	ND(0.20)	ND(0.23)	ND(0.23)	**0.29J**	ND(0.21)	ND(0.21)	ND(0.23)	ND(0.22)	ND(0.24)	ND(0.26)F1	ND(0.23)	ND(0.26)	ND(0.23)
Chromium	mg/Kg	--	--	--	--	**22**	**24**	**23**	**23**	**18**	**25**	**17**	**16**	**13**	**22**	**23**	**18**	**17**	**8.7**	**16**	**54**	**39**	**33**	**34**	**34**	**23**	**99**	**29B**	**22B**	**28**	**37**	**68**	**41**
Percent Moisture	%	--	--	--	--	**7.7**	**8.2**	**8.2**	**8.7**	**6.2**	**7.9**	**6.4**	**7.9**	**8.1**	**9.1**	**6.1**	**7.7**	**9.3**	**16.5**	**8.5**	**26.1**	**35.5**	**35.1**	**30.6**	**28.1**	**28.2**	**33.4**	**32.3**	**36.4**	**43.3**	**34.4**	**42.1**	**35.7**
VOCs																																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2 F1	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)	ND(0.0027)	ND(0.0021)F2 F1	ND(0.0028)	ND(0.0038)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)*	ND(0.0014)*
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0051)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0042)	ND(0.0063)	ND(0.0045)	ND(0.0096)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0038)	ND(0.0045)	ND(0.0075)	ND(0.0079)	ND(0.0070)	ND(0.0066)	ND(0.008)	ND(0.0057)	ND(0.0057)	ND(0.0053)	ND(0.0070)	ND(0.0058)	ND(0.0068)	ND(0.0052)F2 F1	ND(0.0069)	ND(0.0095)	ND(0.0071)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0051)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0042)	ND(0.0063)	ND(0.0045)	ND(0.0096)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0038)	ND(0.0045)	ND(0.0075)	ND(0.0079)	ND(0.0070)	ND(0.0066)	ND(0.008)	ND(0.0057)	ND(0.0057)	ND(0.0053)	ND(0.0070)	ND(0.0058)	ND(0.0068)	**0.017J F2 F1**	ND(0.0069)	ND(0.0095)	ND(0.0071)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0025)	ND(0.0026)	ND(0.0023)	ND(0.0023)*	ND(0.0021)*	ND(0.0031)	ND(0.0023)	ND(0.0048)*	ND(0.0023)*	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0023)	ND(0.0037)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.004)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0035)	ND(0.0029)	ND(0.0034)	ND(0.0026)F2 F1	ND(0.0035)	ND(0.0047)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0081)	ND(0.0084)	ND(0.0073)	ND(0.0073)*	ND(0.0067)*	**0.030**	ND(0.0072)*	ND(0.015)F1	ND(0.0074)*	ND(0.0070)	ND(0.0071)	**0.016**	ND(0.0072)	ND(0.012)	**0.023J**	ND(0.011)	ND(0.011)	ND(0.013)	ND(0.0091)	ND(0.0091)	ND(0.0085)	ND(0.011)	ND(0.0093)F1	ND(0.011)	**0.049F2 F1**	ND(0.011)	ND(0.015)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)*	ND(0.0028)*
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**0.069J**	NA	NA	NA	ND(0.054)	NA	NA	NA	**0.13J**	NA	NA	NA	**49**	**28**	**15**	**12**	**12**	**14**	ND(0.074)	**41**	**0.37**	**0.14J**	ND(0.086)	ND(0.078)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)F2	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	**0.0029**	**0.0059**	**0.0042**	**0.0026**	**0.0028**	**0.0046**	**0.0037**	**0.0019J**	**0.0042F2**	ND(0.0014)	ND(0.0019)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)*	ND(0.00084)*	ND(0.0013)	ND(0.00091)	ND(0.0019)*	ND(0.00093)*	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2 F1	ND(0.0014)	ND(0.0019)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)F2	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0042)	ND(0.0063)	ND(0.0045)	ND(0.0096)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0038)	ND(0.0045)	ND(0.0075)	ND(0.0079)	ND(0.0070)	ND(0.0066)	ND(0.008)	ND(0.0057)	ND(0.0057)	ND(0.0053)	ND(0.0070

Borehole U4U5-69 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	35'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**2.7**	**0.062**	**1.5**	**81**	**20**	**67**	**83**	**18**	**94**	**240**	**220**	**480**	NA	NA	NA	NA	NA
Hexavalent chromium	mg/Kg	2	40	--	--	**0.36**	**0.26J**	**1.7**	**3.6**	**1.7**	**2.7**	**2.4**	**0.26J**	**4.1**	**12**	**9.2**	**49**	NA	NA	NA	NA	NA
Chromium	mg/Kg	--	--	--	--	**22**	**22**	**23**	**27**	**21**	**25**	**16**	**10**	**12**	**37**	**50**	**95**	NA	NA	NA	NA	NA
Percent Moisture	%	--	--	--	--	**8.3**	**11.5**	**8.3**	**7.2**	**6.2**	**8.1**	**11**	**11.9**	**21.2**	**19.8**	**26**	**35**	**32.8**	**33**	**33**	**30.7**	**38.3**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0049)	ND(0.0053)	ND(0.0052)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0069)	ND(0.0058)	ND(0.0074)	ND(0.0066)	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0049)	ND(0.0053)	ND(0.0052)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0069)	ND(0.0058)	ND(0.0074)	ND(0.0066)	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0025)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0027)	ND(0.0034)	ND(0.0029)	ND(0.0037)	ND(0.0033)	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	**0.048**	ND(0.0084)	ND(0.0083)	ND(0.0079)	ND(0.0082)	ND(0.0076)	ND(0.0078)	ND(0.0087)	ND(0.011)	ND(0.0093)	ND(0.012)	ND(0.011)	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**760**	**1,400**	**1,700**	**160**	**990**	**4,600**	**3,300**	**10,000**	**6.6**	**11**	**13**	**84**	**260**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0016J**	**0.0011J**	**0.0021**	**0.0017J**	**0.0022**	ND(0.00095)	**0.0018J**	ND(0.0011)	**0.0017J**	**0.064**	**0.0054**	**0.180**	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0049)	ND(0.0053)	ND(0.0052)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0069)	ND(0.0058)	ND(0.0074)	ND(0.0066)	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	7	140	--	--	NA	NA	NA	NA	**3.8**	**7.1**	**12**	**2**	**5.5**	**16**	**24**	**37**	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.3)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	1.2	24	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**120**	**340**	**340**	**17,000**	**19,000**	**440**	**570**	**840**	**570**	**580**	**520**	**490**	**650**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0098)	ND(0.011)	ND(0.010)	ND(0.0098)	ND(0.010)	ND(0.0095)	ND(0.0098)	ND(0.011)	ND(0.014)	ND(0.012)	ND(0.015)	ND(0.013)	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-70 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	40'	50'	60'	64'	70'	80'	90'	95'	100'	110'	120'	125'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.041J**	**0.040J**	**0.1**	**0.055**	**0.13**	**0.35**	**40**	**16**	**16**	**8.9**	**6.6**	**4.3**	**8.5**	**14**	**0.1**	**0.11**	**0.12**	**0.15**	**0.37**	**21**	**32**	**3**	**0.3**	**0.061J**	ND(0.014)	ND(0.014)	**0.020J**	ND(0.016)	ND(0.014)
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.20)	ND(0.19)	ND(0.18)	ND(0.22)	ND(0.23)	ND(0.085)	ND(0.26)	ND(0.27)	ND(0.22)	ND(0.22)	ND(0.21)	ND(0.19)	ND(0.19)	ND(0.27)	0.25J	ND(0.25)	ND(0.22)	ND(0.26)	ND(0.22)	ND(0.22)	ND(0.23)	**0.37J**	ND(0.23)
Chromium	mg/Kg	--	--	--	--	**17**	**18**	**40**	**18**	**21**	**15**	**47**	**17**	**25**	**21**	**34**	**36**	**36**	**52**	**30**	**24**	**31**	**24**	**21**	**47**	**34**	**25**	**41**	**27**	**29**	**53**	**45**	**78**	**28**
Percent Moisture	%	--	--	--	--	**6.1**	**6.9**	**12.7**	**7.6**	**8.2**	**6.8**	**24.2**	**21.1**	**16.1**	**31.6**	**33.9**	**41.3**	**41.7**	**43.6**	**32**	**31.6**	**29**	**19.6**	**22.5**	**44.5**	**36.6**	**39.9**	**32**	**40.9**	**32.1**	**32.4**	**33**	**39.3**	**34.3**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	**0.011**	ND(0.0049)	ND(0.0055)	ND(0.0047)	ND(0.0044)	ND(0.0046)	ND(0.0061)	ND(0.0054)	ND(0.0074)	ND(0.0066)	ND(0.0062)	ND(0.0092)	ND(0.0083)	ND(0.0090)	ND(0.0072)	ND(0.0068)	ND(0.0065)	ND(0.0023)	ND(0.0047)	ND(0.011)	ND(0.0097)	ND(0.0093)	ND(0.0073)	ND(0.0085)	ND(0.0069)	ND(0.0068)	ND(0.0065)	ND(0.0067)	ND(0.0068)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0053)	ND(0.0049)	ND(0.0055)	ND(0.0047)	ND(0.0044)	ND(0.0046)	ND(0.0061)	ND(0.0054)	ND(0.0074)	ND(0.0066)	ND(0.0062)	ND(0.0092)	ND(0.0083)	ND(0.0090)	ND(0.0072)	ND(0.0068)	ND(0.0065)	ND(0.0023)	ND(0.0047)	ND(0.011)	ND(0.0097)	ND(0.0093)	ND(0.0073)	ND(0.0085)	ND(0.0069)	ND(0.0068)	ND(0.0065)	ND(0.0067)	ND(0.0068)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0027)	ND(0.0025)	ND(0.0028)	ND(0.0023)	ND(0.0022)	ND(0.0023)	ND(0.0031)	ND(0.0027)	ND(0.0037)	ND(0.0033)	ND(0.0031)	ND(0.0046)	ND(0.0041)	ND(0.0045)	ND(0.0036)	ND(0.0034)	ND(0.0032)	ND(0.0012)	ND(0.0024)	ND(0.0057)	ND(0.0049)	ND(0.0046)	ND(0.0037)	ND(0.0043)	ND(0.0035)	ND(0.0034)	ND(0.0033)	ND(0.0033)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	**0.870E**	**0.045**	**0.087**	ND(0.0075)	**0.046**	ND(0.0074)	ND(0.0098)	ND(0.0086)	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.015)	ND(0.013)	ND(0.014)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.0037)	ND(0.0075)	ND(0.018)	ND(0.016)	ND(0.015)	ND(0.012)	ND(0.014)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**0.500**	NA	NA	NA	**53**	NA	NA	NA	**52**	NA	NA	NA	NA	**2.5**	**5.9**	**220**	**160**	**17**	**3.2**	**0.50**	**0.080J**	**0.096J**	**0.32**	ND(0.082)	ND(0.076)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	**0.0018J**	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	**0.064**	**0.0059**	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)*	ND(0.0018)*	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0

Borehole U4U5-71 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	35'	60'	70'	73'	80'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**5.5**	**3.3**	**2.3**	**2.4**	**1.3**	**4.3**	**4.1**	**3.1**	**3.1**	**3.2**	**1.5**	**39**	**160**	NA	NA	**0.37**	NA	NA
Hexavalent chromium	mg/Kg	2	40	--	--	**3.4**	**0.83**	**0.39**	**0.27J**	**0.68**	**0.24J**	**0.99J**	**0.70**	**0.43**	**0.30J**	ND(0.21)	ND(0.21)	**0.44**	NA	NA	ND(0.17)	NA	NA
Chromium	mg/Kg	--	--	--	--	**120**	**25**	**23**	**20**	**30**	**20**	**18**	**33**	**30**	**42**	**45**	**25**	**28**	NA	NA	**26**	NA	NA
Percent Moisture	%	--	--	--	--	**6.6**	**6.3**	**10.4**	**8.7**	**11.5**	**10.6**	**8.9**	**27.2**	**28.7**	**38.3**	**29.4**	**27.2**	**25.5**	**30.3**	**33.3**	**12.1**	**42.0**	**37.0**
VOCs																							
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0052)	ND(0.0052)	ND(0.0053)	ND(0.0056)	ND(0.0048)	ND(0.0075)	ND(0.0052)	ND(0.0075)	ND(0.0078)	ND(0.0091)	ND(0.0082)	ND(0.0048)	ND(0.0057)	NA	NA	ND(0.0048)	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0052)	ND(0.0052)	ND(0.0053)	ND(0.0056)	ND(0.0048)	ND(0.0075)	ND(0.0052)	ND(0.0075)	ND(0.0078)	ND(0.0091)	ND(0.0082)	ND(0.0048)	ND(0.0057)	NA	NA	ND(0.0048)	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0026)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0038)	ND(0.0026)	ND(0.0038)	ND(0.0039)	ND(0.0045)	ND(0.0041)	ND(0.0024)	ND(0.0029)	NA	NA	ND(0.0024)	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0084)	**0.37**	ND(0.0085)	ND(0.009)	ND(0.0076)	ND(0.012)	ND(0.0083)	ND(0.012)	ND(0.012)	ND(0.015)	ND(0.013)	ND(0.0077)	ND(0.0092)	NA	NA	ND(0.0076)	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**0.73**	**1.6**	**1.8**	**3.8**	**3.9**	**4.6**	**2.5**	**30**	**210**	**2**	**3.3**	NA	**90**	**380**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	**0.0013J**	**0.0017J**	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	**0.0038**	**0.0084**	ND(0.0018)	ND(0.0016)	**0.0038**	**0.0036**	NA	NA	ND(0.00096)	NA	NA
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0052)	ND(0.0053)	ND(0.0056)	ND(0.0048)	ND(0.0075)	ND(0.0052)	ND(0.0075)	ND(0.0078)	ND(0.0091)	ND(0.0082)	ND(0.0048)	ND(0.0057)	NA	NA	ND(0.0048)	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Nitrate as N	mg/Kg	7	140	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
N-Propylbenzene	mg/Kg	--	--	1.2	24	NA	NA	NA	NA	**ND(0.91)**	**ND(0.89)**	**1.2**	**2.1**	2.4	**3.5**	**2.4**	**1.4J**	**1.8**	ND(1.1)	ND(1.2)	NA	ND(1.4)	ND(1.3)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**42**	**24**	**21**	**21,000**	**1,000**	**1,300**	**920**	**3,200**	**800**	**330**	**450**	NA	**360**	**270**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	**0.090J**	ND(0.011)	ND(0.011)	ND(0.0095)	ND(0.015)	ND(0.010)	ND(0.015)	ND(0.016)	ND(0.018)	ND(0.016)	ND(0.0096)	ND(0.011)	NA	NA	ND(0.0096)	NA	NA
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	3.3	66	ND(0.0010)	ND(0.0010)	ND(0.0011)	**0.0015J**	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-72 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																							
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.50**	**0.18**	**0.078**	**0.069**	**0.19**	**0.071F1**	**0.068**	**0.77**	**1.4**	**0.52**	**3.4**	**0.14**	**0.13**	**25**	**23**	**6.8**	**7.2**	**1.6**	**1.9**	**0.75**	**0.77**	**0.42**	ND(0.015)	ND(0.014)	**0.069**	ND(0.014)	ND(0.015)	ND(0.014)
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.19)	ND(0.22)	ND(0.23)	ND(0.21)	ND(0.23)	ND(0.16)	ND(0.18)	ND(0.25)	ND(0.22)	**0.36J**	**0.37J**	ND(0.22)	**0.43**	**0.23J**	ND(0.24)	ND(0.22)	ND(0.24)	ND(0.22)	ND(0.24)	ND(0.22)	ND(0.24)	ND(0.22)
Chromium	mg/Kg	--	--	--	--	**17**	**15**	**16**	**15**	**15**	**16**	**15**	**32**	**52**	**31**	**35**	**14**	**21**	**63**	**55**	**68**	**50**	**50F2 F1**	**42**	**32**	**29**	**29**	**34**	**71**	**49**	**83**	**38**	**28**
Percent Moisture	%	--	--	--	--	**11.6**	**7.6**	**11.4**	**7**	**12.1**	**9.8**	**21.5**	**31.9**	**35.7**	**26.3**	**34.7**	**5.1**	**18.7**	**38.6**	**32.4**	**43.1**	**40.2**	**32.9**	**28.6**	**23.3**	**36.8**	**29.4**	**37.4**	**32.1**	**35.7**	**32.5**	**37.7**	**33.9**
VOCs																																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	**0.0012J**	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	**0.0012J**	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0086)	ND(0.0083)	ND(0.0086)	ND(0.0047)	ND(0.0057)	ND(0.010)	ND(0.0079)	ND(0.0092)	ND(0.0078)	ND(0.0062)	ND(0.006)	ND(0.0068)	ND(0.0068)	ND(0.0059)	ND(0.0070)	ND(0.0068)	ND(0.0064)	ND(0.0057)	ND(0.0080)	ND(0.0071)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0086)	ND(0.0083)	ND(0.0086)	ND(0.0047)	ND(0.0057)	ND(0.010)	ND(0.0079)	ND(0.0092)	ND(0.0078)	ND(0.0062)	ND(0.006)	ND(0.0068)	ND(0.0068)	ND(0.0059)	ND(0.0070)	ND(0.0068)	ND(0.0064)	ND(0.0057)	ND(0.0080)	ND(0.0071)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0025)	ND(0.0023)	ND(0.0024)	ND(0.0023)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0049)	ND(0.0043)	ND(0.0041)	ND(0.0043)	ND(0.0023)	ND(0.0028)	ND(0.0052)	ND(0.0039)	ND(0.0046)	ND(0.0039)	ND(0.0031)	ND(0.0030)	ND(0.0034)	ND(0.0034)	ND(0.0029)	ND(0.0035)	ND(0.0034)	ND(0.0032)	ND(0.0028)	ND(0.0040)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	**0.035**	**0.028**	**0.013J**	**0.10**	**0.26**	ND(0.0073)	**0.098**	ND(0.016)	ND(0.014)	ND(0.013)	ND(0.014)	ND(0.0075)	ND(0.0091)	ND(0.017)	ND(0.013)	ND(0.015)	ND(0.012)	ND(0.010)	ND(0.0096)	ND(0.011)	ND(0.011)	ND(0.0094)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.0091)	ND(0.013)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**0.32**	NA	NA	NA	**0.71**	NA	NA	NA	**0.096J**	NA	NA	NA	**100**	**17**	**22**	**15**	**9.3**	**3.5**	**0.10J**	ND(0.073)	ND(0.078)	ND(0.074)	ND(0.080)	ND(0.075)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	**0.0057**	**0.0060**	**0.0041**	**0.0032**	**0.0024J**	**0.0031**	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0020)*	ND(0.0018)*	ND(0.0019)*	ND(0.0018)*	ND(0.0018)*	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0086)	ND(0.0083)	ND(0.0086)	ND(0.0047)	ND(0.0057)	ND(0.010)	ND(0.0079)	ND(0.0092)	ND(0.0078)	ND(0.0062)	ND(0.006)	ND(0.0068)	ND(0.0068)	ND(0.0059)	ND(0.0070)	ND(0.0068)	ND(0.0064)	ND(0.0057)	ND(0.0080)	ND(0.0071)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.

Borehole U4U5-73 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																				
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	80'	81'	90'
Perchlorate	mg/Kg	0.0155	0.31	--	--	**0.24**	**0.12**	**0.77**	**4.3**	**4.8**	**3.6**	**4.8**	**7.2**	**1.1**	**5.4**	**5.2**	**4.8**	**4.3**	**8.1**	**28**	**8.7**	**5.0**	**1.4**	**1.5**	**1.1**	**0.42**	**0.58**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.20)	ND(0.20)	ND(0.19)	ND(0.21)	ND(0.23)	ND(0.26)	ND(0.22)	ND(0.23)	ND(0.21)	ND(0.21)	**1.7**	ND(0.20)	ND(0.22)
Chromium	mg/Kg	--	--	--	--	**21**	**23**	**22**	**19**	**22**	**19**	**20**	**18**	**9.5**	**24**	**42**	**35**	**37**	**36**	**70**	**31**	**44**	**26**	**32**	**57**	**25**	**28**
Percent Moisture	%	--	--	--	--	**5.8**	**6.3**	**6.6**	**5.8**	**5.3**	**20.4**	**5.9**	**8.4**	**19.4**	**25.9**	**25.5**	**19.8**	**28**	**35.2**	**42.8**	**32.8**	**34.8**	**29.0**	**28.9**	**43.8**	**24.5**	**29.9**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	1.2	24	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0052)	ND(0.0059)	ND(0.0051)	ND(0.0048)	ND(0.0060)	ND(0.0061)	ND(0.0070)	ND(0.0068)	ND(0.0077)	ND(0.010)	ND(0.0086)	ND(0.0075)	ND(0.0072)	ND(0.0067)	ND(0.0064)	ND(0.017)	ND(0.0031)	ND(0.0072)
2-Chlorotoluene	mg/Kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.0088	0.176	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0052)	ND(0.0059)	ND(0.0051)	ND(0.0048)	ND(0.0060)	ND(0.0061)	ND(0.0070)	ND(0.0068)	ND(0.0077)	ND(0.010)	ND(0.0086)	ND(0.0075)	ND(0.0072)	ND(0.0067)	ND(0.0064)	ND(0.017)	ND(0.0031)	ND(0.0072)
4-Chlorotoluene	mg/Kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	1.4	28	ND(0.0026)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0026)	ND(0.0024)	ND(0.0030)	ND(0.0031)	ND(0.0035)	ND(0.0034)	ND(0.0039)	ND(0.0052)	ND(0.0043)	ND(0.0037)	ND(0.0036)	ND(0.0033)	ND(0.0032)	ND(0.0087)	ND(0.0016)	ND(0.0036)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0084)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.0084)	ND(0.0094)	ND(0.0082)	ND(0.0077)	ND(0.0097)	ND(0.0098)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.017)	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.028)	ND(0.0050)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Chlorate	mg/Kg	1.03	20.6	--	--	NA	NA	NA	NA	**0.16J**	**2.2**	**2.9**	**6.2**	**0.85**	**3.9**	**5.1**	**2.4**	**4.1**	**13**	**49**	**54**	**62**	**18**	**20**	**15**	**8**	**7.4**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Chloroethane	mg/Kg	--	--	5.9	118	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	**0.0032**	**0.0036**	**0.0036**	**0.0062J**	**0.0012**	**0.0023J**
Chloromethane	mg/Kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.3	6	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0052)	ND(0.0059)	ND(0.0051)	ND(0.0048)	ND(0.0060)	ND(0.0061)	ND(0.0070)	ND(0.0068)	ND(0.0077)	ND(0.010)	ND(0.0086)	ND(0.0075)	ND(0.0072)	ND(0.0067)	ND(0.0064)	ND(0.017)	ND(0.0031)	ND(0.0072)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Nitrate as N	mg/Kg	7	140	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
n-Butylbenzene	mg/Kg	--	--	3.2	64	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	1.2	24	NA	NA	NA	NA	**7.5**	**9.6**	**12**	**13**	ND(200)	**13**	**15**	**10**	**9.2**	**12**	**15**	**7.4**	**2.5**	**ND(1.1)**	**ND(1.1)**	**1.5J**	ND(1.1)	ND(1.1)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	5.9	118	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**330**	**89**	**150**	**1,100**	**20,000**	**21,000**	**1,100**	**9,900**	**600**	**1,300**	**1,400**	**1,400**	**610**	**390**	**350**	**660**	**250**	**230**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.01)	ND(0.0096)	ND(0.012)	ND(0.012)	ND(0.014)	ND(0.014)	ND(0.015)	ND(0.021)	ND(0.017)	ND(0.015)	ND(0.014)	ND(0.013)	ND(0.013)	ND(0.035)	ND(0.0062)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	1.6	32	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)

Borehole U4U5-74 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	15'	12.5'	17.5'	15'	20'	20'DUP	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	45'DUP	47.5'	50'	60'	70'	80'	90'	90'DUP	100'	100' DUP	110'	120'	130'	140'	140'DUP	150'
Perchlorate	mg/kg	0.0155	0.31	--	--	**0.95**	**0.47**	**0.59**	**0.23**	**0.32**	**5.1**	**0.67**	**5.7**	**0.48**	**8.6**	**9.3**	**7.5**	**9.2**	**14**	**200**	**530**	**650**	**300**	**12**	**110**	**18**	**19**	**4.5**	**10**	**0.42**	**1.6**	**1.0F1**	**110**	**120**	**110**	**97**	**61**	**1.5**	**0.047J**	**1.4F1**	**1.9**	**0.79**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.17)	ND(0.18)	**0.17J**	**0.38**	ND(0.17)	**8.2**	**0.33J**	**1.0**	**0.39**	**0.65**	**0.91**	**0.32J**	**0.24J**	**1.1**	**0.99**	**2.8**	**1.3**	**1.6**	**0.58**	**0.60**	**0.22J**	**0.33J**	**0.51**	ND(0.22)	ND(0.21)	**0.27J**	**0.25J**	**3.9**	**3.3**	**8.6**	**5.8**	**2.1**	ND(0.20)	ND(0.21)	ND(0.20)	ND(0.20)	ND(0.24)
Chromium	mg/kg	--	--	--	--	**15**	**30**	**24**	**21**	**14**	**150**	**28**	**26**	**21**	**28**	**24**	**40**	**21**	**18**	**79**	**28**	**53**	**57**	**61**	**44**	**45**	**42**	**28**	**25**	**25**	**45**	**25**	**36**	**36**	**44**	**53**	**51**	**14**	**27**	**38**	**34**	**35**	**47**
Percent Moisture	%	--	--	--	--	**11.3**	**16.3**	**10.7**	**12.4**	**12.7**	**9.9**	**11.2**	**11.7**	**10.4**	**8.1**	**7.4**	**12.7**	**8.2**	**5.8**	**24.8**	**29.7**	**32.7**	**34.9**	**36.2**	**31.5**	**22.3**	**18.7**	**30.8**	**32.2**	**29.7**	**33.2**	**29.2**	**36.0**	**36.0**	**37.5**	**35.8**	**32.1**	**26.2**	**29.4**	**24.6**	**25.0**	**36.5**
VOCs																																									
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)*	ND(0.0012)*	ND(0.0012)*	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)*	ND(0.0012)*	ND(0.0012)*	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	**0.0017J**	**0.0018J**	ND(0.0012)	ND(0.0012)	**0.0026J**	**0.0014J F2**	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	**0.0024J**	**0.0038J**	**0.0015J**	ND(0.0012)	**0.0050**	**0.0028J F2**	**0.0011J**	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	**0.0079**	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0012)	ND(0.0019)	ND(0.0012)	ND(0.0016)	ND(0.00096)	ND(0.0017)	ND(0.0015)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0027)	ND(0.0018)	ND(0.0016)	ND(0.0017)	ND(0.0024)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0022)	ND(0.0018)	ND(0.0016)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0023)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0024)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0018)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)F1	ND(0.00092)	ND(0.0013)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	**0.0046**	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)*	ND(0.0012)*	ND(0.0012)*	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0031)	ND(0.0048)	ND(0.0031)	ND(0.0040)	ND(0.0024)	ND(0.0043)	ND(0.0038)	ND(0.0041)	ND(0.0041)	ND(0.0043)	ND(0.0067)	ND(0.0045)	ND(0.004)	ND(0.0042)	ND(0.0061)	ND(0.0056)	ND(0.0066)	ND(0.0061)	ND(0.0060)	ND(0.0056)	ND(0.0046)	ND(0.0041)	ND(0.0051)	ND(0.0064)	ND(0.0057)	ND(0.0058)	ND(0.0057)	ND(0.0060)	ND(0.0063)	ND(0.0063)	ND(0.0062)	ND(0.0060)	ND(0.0047)	ND(0.0049)	ND(0.0048)	ND(0.0046)	ND(0.0064)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0031)	ND(0.0048)	ND(0.0031)	ND(0.0040)	ND(0.0024)	ND(0.0043)	ND(0.0038)	ND(0.0041)	ND(0.0041)	ND(0.0043)	ND(0.0067)	ND(0.0045)	ND(0.004)	ND(0.0042)	ND(0.0061)	ND(0.0056)	ND(0.0066)	ND(0.0061)	ND(0.0060)	ND(0.0056)	ND(0.0046)	ND(0.0041)	ND(0.0051)	ND(0.0064)	ND(0.0057)	ND(0.0058)	ND(0.0057)	ND(0.0060)	ND(0.0063)	ND(0.0063)	ND(0.0062)	ND(0.0060)	ND(0.0047)	ND(0.0049)	ND(0.0048)F1	ND(0.0046)	ND(0.0064)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0015)	ND(0.0024)	ND(0.0015)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0033)	ND(0.0023)	ND(0.0020)	ND(0.0021)	ND(0.0031)	ND(0.0028)	ND(0.0033)	ND(0.0030)	ND(0.0030)	ND(0.0028)	ND(0.0023)	ND(0.0020)	ND(0.0025)	ND(0.0032)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0030)	ND(0.0031)	ND(0.0031)	ND(0.0031)	ND(0.0030)	ND(0.0023)	ND(0.0025)	ND(0.0024)F1	ND(0.0023)	ND(0.0032)
Acetone	mg/kg	0.8	16	--	--	ND(0.0049)	ND(0.0077)	ND(0.0049)	ND(0.0064)	ND(0.0038)	**0.023**	ND(0.0061)	ND(0.0066)	ND(0.0068)	ND(0.0068)	ND(0.011)	**0.013J**	ND(0.0065)	ND(0.0068)	ND(0.0098)	ND(0.009)	ND(0.011)	ND(0.0097)	ND(0.0097)	**0.018J**	**0.0073J**	**0.021**	ND(0.0081)	ND(0.0110)	ND(0.0091)	ND(0.0092)	ND(0.0091)	ND(0.0096)	ND(0.010)	ND(0.01)	ND(0.0099)	ND(0.0096)	ND(0.0075)	ND(0.0078)	ND(0.0077)F1	ND(0.0073)	ND(0.01)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0012)	ND(0.0019)	ND(0.0012)	ND(0.0016)	ND(0.00096)	ND(0.0017)	ND(0.0015)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0027)	ND(0.0018)	ND(0.0016)	ND(0.0017)	ND(0.0024)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0022)	ND(0.0018)	ND(0.0016)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0023)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0024)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0018)	ND(0.0026)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)*	ND(0.0012)*	ND(0.0012)*	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Chlorate	mg/kg	1.03	20.6	--	--	**0.43**	**0.17J**	**0.064J**	**0.086J**	**2.4**	**3.5**	**0.14J**	**4.0**	**0.32J**	**4.4**	**5.5**	**1.300**	**5.000**	**4.0**	**6.900**	**1.900**	**190**	**1.000**	**250**	**240**	**89**	**7.6**	**29**	**26**	**2.100**	**2.000**	**1.700**	**1.700**	**1.400**	**6.6**	**0.71**	**13**	**1.8**	**15**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0012)	ND(0.0019)	ND(0.0012)	ND(0.0016)	ND(0.00096)	ND(0.0017)	ND(0.0015)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0027)	ND(0.0018)	ND(0.0016)	ND(0.0017)	ND(0.0024)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0022)	ND(0.0018)	ND(0.0016)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0023)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0024)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0018)	ND(0.0026)
Chloroform	mg/kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00096)	**0.00083J**	ND(0.00080)	**0.00084J**	**0.0017**	**0.0030**	**0.0019**	ND(0.00082)	**0.0035**	**0.0018J**	**0.0014J**	**0.0035**	**0.0027**	**0.013**	**0.065**	**0.15**	**0.18**	**0.11**	**0.078**	**0.029**	**0.016**	**0.032**	**0.018**	**0.0038**	**0.074**	**0.024**	**0.38**	**0.32**	**0.34**	**0.33**	**0.20**	**0.0012J**	ND(0.00098)	**0.0011J**	**0.0013J**	ND(0.0013)
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00086)	ND(0.00076)	ND(0.00082)	ND(0.00082)	ND(0.00085)	ND(0.0013)	ND(0.0009)	ND(0.00081)	ND(0.00085)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00091)	ND(0.00081)	ND(0.0010)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0094)	ND(0.0098)	ND(0.0096)	ND(0.00092)	ND(0.0013)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.00061)	ND(0.00096)	ND(0.00061)	ND(0.00080)	ND(0.00048)	ND(0.00

Borehole U4U5-75 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	47.5'	50'	60'	60'DUP	70'	80'	90'	100'	110'	120'	120'DUP	130'	140'	150'
Perchlorate	mg/kg	0.0155	0.31	--	--	**0.081**	**0.037J**	**0.045**	**2.9**	**15**	**8.3**	**0.18**	**15**	**0.76**	**6.3**	**4.3**	**4.8**	**5.8**	**11**	**11**	**7.5**	**15**	**5.4**	**4.8**	**1.9**	**1.1**	**0.63**	**0.64F1**	**0.57**	**0.54**	**0.34F1**	**64**	**120**	**0.25**	**22**	**14**	**7.4**	**2.6**	**0.25**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.18)	**0.77**	**0.85**	ND(0.17)	**0.25J**	**0.31J**	ND(0.16)	ND(0.22)	ND(0.23)	**0.21J**	**0.24J**	**0.24J**	ND(0.21)	ND(0.25)	ND(0.24)	ND(0.23)	ND(0.26)	ND(0.26)	ND(0.22)	ND(0.23)	ND(0.22)	ND(0.21)	ND(0.19)	**13**	**7.0**	**0.59**	**0.44F1**	**0.36J**	ND(0.25)	ND(0.24)	ND(0.23)
Chromium	mg/kg	--	--	--	--	**2.8J**	**2.8J**	**3.9J**	**11**	**20**	**19**	**6.0**	**19**	**19**	**18**	**44**	**51**	**40**	**31**	**32**	**25**	**36**	**47**	**23**	**37**	**31**	**30**	**29B**	**200**	**160**	**35**	**41**	**82**	**41**	**28**	**26**	**74**	**31**	**37**
Percent Moisture	%	--	--	--	--	**4.5**	**6.7**	**3.2**	**14.2**	**11.8**	**13.6**	**13.1**	**12.7**	**16.2**	**8.3**	**30.1**	**34.6**	**28.2**	**33.3**	**35.9**	**27.6**	**38.1**	**38.6**	**33.4**	**42.5**	**40.6**	**30.7**	**34.5**	**33.0**	**28.7**	**21.8**	**34.7**	**37.6**	**41.3**	**22.0**	**19.7**	**40.4**	**38.8**	**35.7**
VOCs																																						
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)*	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)*	ND(0.0013)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)*	ND(0.0013)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	**0.0021**	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0016)	ND(0.0017)	ND(0.0015)	ND(0.0023)	ND(0.0019)	ND(0.0018)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0037)	ND(0.0025)	ND(0.0022)	ND(0.0029)	ND(0.0025)	ND(0.0019)	ND(0.0028)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0031)	ND(0.0024)	ND(0.0025)	ND(0.0024)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0029)	ND(0.0032)	ND(0.0020)	ND(0.0022)	ND(0.0030)	ND(0.0027)	ND(0.0025)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	**0.0015J**	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0039)	ND(0.0043)	ND(0.0038)	ND(0.0057)	ND(0.0047)	ND(0.0046)	ND(0.0052)	ND(0.0044)	ND(0.0044)	ND(0.0042)	ND(0.0093)	ND(0.0063)	ND(0.0055)	ND(0.0071)	ND(0.0062)	ND(0.0048)	ND(0.0069)	ND(0.0066)	ND(0.0058)	ND(0.0073)	ND(0.0076)	ND(0.0060)	ND(0.0063)	ND(0.0060)	ND(0.0055)	ND(0.0047)	ND(0.0062)	ND(0.0071)	ND(0.0079)	ND(0.0051)	ND(0.0055)	ND(0.0076)	ND(0.0068)	ND(0.0063)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0039)	ND(0.0043)	ND(0.0038)	ND(0.0057)	ND(0.0047)	ND(0.0046)	ND(0.0052)	ND(0.0044)	ND(0.0044)	ND(0.0042)	ND(0.0093)	ND(0.0063)	ND(0.0055)	ND(0.0071)	ND(0.0062)	ND(0.0048)	ND(0.0069)	ND(0.0066)	ND(0.0058)	ND(0.0073)	ND(0.0076)	ND(0.0060)	ND(0.0063)	ND(0.0060)	ND(0.0055)	ND(0.0047)	ND(0.0062)	ND(0.0071)	ND(0.0079)	ND(0.0051)	ND(0.0055)	ND(0.0076)	ND(0.0068)	ND(0.0063)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0028)	ND(0.0023)	ND(0.0023)	ND(0.0026)	ND(0.0022)	ND(0.0022)	ND(0.0021)	ND(0.0046)	ND(0.0031)	ND(0.0027)	ND(0.0036)	ND(0.0031)	ND(0.0024)	ND(0.0034)	ND(0.0033)	ND(0.0029)	ND(0.0037)	ND(0.0038)	ND(0.0030)	ND(0.0032)	ND(0.0030)	ND(0.0028)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0040)	ND(0.0025)	ND(0.0028)	ND(0.0038)	ND(0.0034)	ND(0.0031)
Acetone	mg/kg	0.8	16	--	--	ND(0.0063)	ND(0.0069)*	ND(0.0061)	ND(0.0091)	ND(0.0075)	ND(0.0074)	ND(0.0084)	ND(0.0070)	ND(0.0070)	ND(0.0067)	ND(0.015)	ND(0.010)	ND(0.0088)	ND(0.011)	ND(0.0099)	ND(0.0077)	ND(0.011)	ND(0.011)	ND(0.0093)	ND(0.012)	ND(0.012)	ND(0.0096)	ND(0.010)	ND(0.0096)	ND(0.0089)	ND(0.0076)	ND(0.012)	ND(0.013)	ND(0.0081)	ND(0.0089)	ND(0.012)	ND(0.011)	ND(0.010)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0016)*	ND(0.0017)	ND(0.0015)*	ND(0.0023)*	ND(0.0019)*	ND(0.0018)*	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0037)	ND(0.0025)	ND(0.0022)	ND(0.0029)	ND(0.0025)	ND(0.0019)	ND(0.0028)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0031)	ND(0.0024)	ND(0.0025)	ND(0.0024)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0029)	ND(0.0032)	ND(0.0020)	ND(0.0022)	ND(0.0030)	ND(0.0027)	ND(0.0025)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Chlorate	mg/kg	1.03	20.6	--	--	**0.054J**	ND(0.053)	ND(0.052)	**0.35**	**10**	**3.8**	**0.17J**	**5.8**	**0.34**	**3.6**	**2.2**	**2.9**	**4.7**	**7.2**	**6.3**	**12**	**36**	**22**	**18**	**11**	**6.4**	**3.2**	**4.3**	**4.4**	**5.6**	**2.6**	**1,300**	**1,300**	**120**	**76**	**75**	**52**	**12**	**1.1**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0016)	ND(0.0017)	ND(0.0015)	ND(0.0023)	ND(0.0019)	ND(0.0018)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0037)	ND(0.0025)	ND(0.0022)	ND(0.0029)	ND(0.0025)	ND(0.0019)	ND(0.0028)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0031)	ND(0.0024)	ND(0.0025)	ND(0.0024)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0029)	ND(0.0032)	ND(0.0020)	ND(0.0022)	ND(0.0030)	ND(0.0027)	ND(0.0025)
Chloroform	mg/kg	0.03	0.6	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	**0.0058**	**0.0015J**	**0.0022**	ND(0.0010)	**0.0010J**	**0.0017**	**0.0013J**	**0.0075**	**0.063**	**0.0038**	**0.052**	**0.110**	**0.110**	**0.110**	**0.0045**	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	**0.0018J**	**0.0013J**	**0.0031**	**0.0011J**	**0.970**	**0.210**	**0.0035**	**0.017**	**0.018**	**0.0017J**	ND(0.0014)	ND(0.0013)
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.00078)	ND(0.00087)	ND(0.00076)	ND(0.0011)	ND(0.00094)	ND(0.00092)	ND(0.0010)	ND(0.00088)	ND(0.00087)	ND(0.00084)	ND(0.0019)	ND(0.0013)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.00097)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0010)	ND(0.0011)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0016)	ND(0.0017)	ND(0.0015)	ND(0.0023)	ND(0.0

Borehole U4U5-76 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	25'DUP	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	47.5'	50'	50'DUP	60'	70'	80'	90'	100'	110'	120'	130'	140'	140'DUP	150'
Perchlorate	mg/kg	0.0155	0.31	--	--	**0.58**	**0.093**	**0.55**	**0.39**	**0.058**	**0.14**	**9.4**	**12**	**5.2**	**0.85**	**1.5**	**1.5**	**1.9**	**2.5**	**59**	**360**	**140**	**32**	**14**	**8.0**	**6.6**	**9.9**	**7.8**	**5.7**	**9.4**	**18**	**160**	**71**	**46**	**0.36**	ND(0.014)	**1.5**	**1.4**	**4.2**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.17)	**0.29J**	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.20)	**0.67**	**0.46J**	**0.27J**	ND(0.24)	ND(0.24)	ND(0.22)	ND(0.21)	ND(0.20)	ND(0.23)	**0.45J**	**1.1**	**25**	**0.88**	**0.56**	ND(0.20)	ND(0.22)	ND(0.24)	ND(0.23)	ND(0.21)
Chromium	mg/kg	--	--	--	--	**17**	**14**	**17**	**17**	**21**	**14**	**22**	**20**	**18**	**16**	**16**	**16**	**19**	**18**	**26**	**26**	**51**	**40**	**51**	**47**	**60**	**25**	**30**	**36**	**37**	**49**	**34**	**59**	**35**	**48**	**30**	**52**	**45**	**50**	**40**
Percent Moisture	%	--	--	--	--	**9.6**	**7.8**	**11.7**	**12.2**	**15.3**	**12.6**	**15.2**	**11.0**	**7.4**	**15.3**	**6.0**	**6.2**	**8.4**	**13.2**	**26.5**	**37.7**	**37.6**	**40.2**	**37.0**	**38.3**	**33.1**	**28.1**	**27.1**	**37.3**	**38.2**	**28.4**	**41.7**	**33.8**	**41.3**	**23.9**	**33.2**	**37.6**	**35.5**	**30.1**
VOCs																																					
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	**0.0035**	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0026)	ND(0.0023)	ND(0.0052)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0026)	ND(0.00066)	ND(0.0026)	ND(0.0030)	ND(0.0025)	ND(0.0025)	ND(0.0023)	ND(0.0021)	ND(0.0020)	ND(0.0026)	ND(0.0029)	ND(0.0020)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0019)	ND(0.0024)	ND(0.0026)	ND(0.0028)	ND(0.0023)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	**0.00097J**	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0064)	ND(0.0057)	ND(0.013)	ND(0.0051)	ND(0.0048)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0039)	ND(0.0047)	ND(0.0042)	ND(0.0040)	ND(0.0044)	ND(0.0046)	ND(0.0065)	ND(0.00017)	ND(0.0065)	ND(0.0076)	ND(0.0062)	ND(0.0063)	ND(0.0058)	ND(0.0051)	ND(0.0050)	ND(0.0064)	ND(0.0072)	ND(0.0050)	ND(0.0067)	ND(0.0062)	ND(0.0075)	ND(0.0047)	ND(0.0059)	ND(0.0065)	ND(0.0070)	ND(0.0057)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0064)	ND(0.0057)	ND(0.013)	ND(0.0051)	ND(0.0048)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0039)	ND(0.0047)	ND(0.0042)	ND(0.0040)	ND(0.0044)	ND(0.0046)	ND(0.0065)	ND(0.00017)	ND(0.0065)	ND(0.0076)	ND(0.0062)	ND(0.0063)	ND(0.0058)	ND(0.0051)	ND(0.0050)	ND(0.0064)	ND(0.0072)	ND(0.0050)	ND(0.0067)	ND(0.0062)	ND(0.0075)	ND(0.0047)	ND(0.0059)	ND(0.0065)	ND(0.0070)	ND(0.0057)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0032)	ND(0.0028)	ND(0.0065)	ND(0.0025)	ND(0.0024)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0024)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0023)	ND(0.0032)	ND(0.00083)	ND(0.0033)	ND(0.0038)	ND(0.0031)	ND(0.0032)	ND(0.0029)	ND(0.0026)	ND(0.0025)	ND(0.0032)	ND(0.0036)	ND(0.0025)	ND(0.0034)	ND(0.0031)	ND(0.0038)	ND(0.0024)	ND(0.0029)	ND(0.0032)	ND(0.0035)	ND(0.0028)
Acetone	mg/kg	0.8	16	--	--	ND(0.010)	**0.019J**	ND(0.021)	ND(0.0081)	**0.057**	ND(0.0066)	ND(0.0069)	ND(0.0064)	ND(0.0063)	ND(0.0076)	ND(0.0067)	ND(0.0064)	ND(0.0070)	ND(0.0074)	ND(0.010)	ND(0.00027)	ND(0.010)	ND(0.012)	ND(0.0099)	ND(0.010)	ND(0.0093)	ND(0.0082)	ND(0.008)	ND(0.010)	ND(0.012)	ND(0.0079)	ND(0.011)	ND(0.0099)	ND(0.012)	ND(0.0075)	ND(0.0094)	ND(0.010)	ND(0.011)	ND(0.0091)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0026)	ND(0.0023)	ND(0.0052)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0026)	ND(0.00066)	ND(0.0026)	ND(0.0030)	ND(0.0025)	ND(0.0025)	ND(0.0023)	ND(0.0021)	ND(0.0020)	ND(0.0026)	ND(0.0029)	ND(0.0020)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0019)	ND(0.0024)	ND(0.0026)	ND(0.0028)	ND(0.0023)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Chlorate	mg/kg	1.03	20.6	--	--	**0.13J**	ND(0.054)	**0.12J**	**0.096J**	**0.086J**	**0.089J**	**7.6**	**12**	**6.5**	**0.56**	**0.81**	**0.80**	**0.60**	**2.3**	**54**	**420**	**380**	**120**	**72**	**44**	**36**	**28**	**28**	**30**	**100**	**290**	**4,100**	**710**	**570**	**1.4**	ND(0.075)	**12**	**11**	**28**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0026)	ND(0.0023)	ND(0.0052)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0026)	ND(0.00066)	ND(0.0026)	ND(0.0030)	ND(0.0025)	ND(0.0025)	ND(0.0023)	ND(0.0021)	ND(0.0020)	ND(0.0026)	ND(0.0029)	ND(0.0020)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0019)	ND(0.0024)	ND(0.0026)	ND(0.0028)	ND(0.0023)
Chloroform	mg/kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	**0.00092J**	**0.0012J**	ND(0.00095)	ND(0.00083)	**0.00084J**	**0.00092J**	**0.0026**	**0.017**	**0.0024**	**0.12**	**0.15**	**0.041**	**0.012**	**0.0078**	**0.0073**	**0.0037**	**0.011**	**0.034**	**0.10**	**1.9**	**0.029**	**0.021**	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	**0.0024**
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0011)	ND(0.0026)	ND(0.0010)	ND(0.00095)	ND(0.00082)	ND(0.00086)	ND(0.00080)	ND(0.00079)	ND(0.00095)	ND(0.00083)	ND(0.00080)	ND(0.00088)	ND(0.00093)	ND(0.0013)	ND(0.00033)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.0014)	ND(0.00099)	ND(0.0013)	ND(0.0012)	ND(0.0015)	ND(0.00094)	ND(0.0012)	ND(0.0013)	ND(0.0014)	ND(0.0011)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0026)	ND(0.0023)	ND(0.0052)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0017)	ND(0.

Borehole U4U5-77 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	47.5'	50'	60'	70'	70'DUP	80'	90'	100'	110'	120'	130'	140'	140'DUP	150'
Perchlorate	mg/kg	0.0155	0.31	--	--	**3.0**	**0.34**	**1.5**	**2.9**	**0.74**	**0.25**	**2.4**	**2.8**	**3.4**	**7.4**	**71**	**5,000**	**3,200**	**780**	**370**	**220**	**180**	**26**	**16**	**4.7**	**2.1**	**2.0**	**0.78F1**	**0.64**	**1.7**	**7.2**	**17**	**97**	**0.66**	ND(0.014)	**0.015J**	**0.017J**	**0.12**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.16)	**0.43**	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.22)	ND(0.21)	ND(0.24)	ND(0.20)	ND(0.21)	ND(0.24)	ND(0.21)	ND(0.20)	ND(0.24)	ND(0.21)	ND(0.21)	ND(0.23)	**0.46**	**0.42J**	**3.4**	**1.7**	**7.2**	ND(0.23)	ND(0.22)	ND(0.23)	ND(0.21)	ND(0.25)
Chromium	mg/kg	--	--	--	--	**18**	**15**	**21**	**18**	**13**	**15**	**19**	**20**	**18**	**19**	**11**	**55**	**41**	**40**	**27**	**23**	**42**	**29**	**30**	**45**	**43**	**34**	**57**	**50**	**33**	**42**	**34**	**56**	**44**	**35**	**48**	**47**	**30**
Percent Moisture	%	--	--	--	--	**11.6**	**9.7**	**16.2**	**12.9**	**11.8**	**14.2**	**7.1**	**7.3**	**7.4**	**7.3**	**11.7**	**31.7**	**27.9**	**37.3**	**25.6**	**27.9**	**37.5**	**27.8**	**24.8**	**37.5**	**30.2**	**29.8**	**33.1**	**29.4**	**31.3**	**33.9**	**34.1**	**41.7**	**33.2**	**31.2**	**34.1**	**30.0**	**39.7**
VOCs																																					
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F2
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F2
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.00084)	ND(0.00094)	ND(0.00085)	**0.0016**	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	**0.0020J**	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0023)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0023)	ND(0.0029)	ND(0.0024)	ND(0.0021)	ND(0.0030)	ND(0.0021)	ND(0.0020)	ND(0.0029)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0022)	ND(0.0025)	ND(0.0023)	ND(0.0029)F2
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.00084)	ND(0.00094)	ND(0.00085)	**0.00095J**	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0042)	ND(0.0047)	ND(0.0043)	ND(0.0039)	ND(0.0043)	ND(0.0056)	ND(0.0046)	ND(0.0038)	ND(0.0043)	ND(0.0045)	ND(0.0047)	ND(0.0079)	ND(0.0057)	ND(0.0073)	ND(0.0060)	ND(0.0053)	ND(0.0075)	ND(0.0053)	ND(0.0049)	ND(0.0072)	ND(0.0063)	ND(0.0061)	ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0066)	ND(0.0063)	ND(0.0074)	ND(0.0058)	ND(0.0055)	ND(0.0063)	ND(0.0057)	ND(0.0072)F2
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0042)	ND(0.0047)	ND(0.0043)	ND(0.0039)	ND(0.0043)	ND(0.0056)	ND(0.0046)	ND(0.0038)	ND(0.0043)	ND(0.0045)	ND(0.0047)	ND(0.0079)	ND(0.0057)	ND(0.0073)	ND(0.0060)	ND(0.0053)	ND(0.0075)	ND(0.0053)	ND(0.0049)	ND(0.0072)	ND(0.0063)	ND(0.0061)	ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0066)	ND(0.0063)	ND(0.0074)	ND(0.0058)	ND(0.0055)	ND(0.0063)	ND(0.0057)	ND(0.0072)F1 F2
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0021)	ND(0.0023)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0022)	ND(0.0023)	ND(0.0039)	ND(0.0028)	ND(0.0037)	ND(0.0030)	ND(0.0026)	ND(0.0038)	ND(0.0027)	ND(0.0024)	ND(0.0036)	ND(0.0032)	ND(0.0031)	ND(0.0032)	ND(0.0029)	ND(0.0030)	ND(0.0033)	ND(0.0031)	ND(0.0037)	ND(0.0029)	ND(0.0028)	ND(0.0031)	ND(0.0028)	ND(0.0036)F1 F2
Acetone	mg/kg	0.8	16	--	--	ND(0.0067)	ND(0.0075)	ND(0.0068)	ND(0.0063)	ND(0.007)	ND(0.0090)	ND(0.0074)	**0.0078J**	ND(0.0069)	**0.011J**	**0.0077J**	ND(0.013)	ND(0.0090)	ND(0.012)	ND(0.0096)	ND(0.0084)	ND(0.012)	ND(0.0085)	ND(0.0078)	ND(0.011)	ND(0.010)	ND(0.0098)	ND(0.010)F1	ND(0.0093)	ND(0.0095)	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.0093)	ND(0.0089)	ND(0.010)	ND(0.0091)	ND(0.011)F2
Benzene	mg/kg	0.002	0.04	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0023)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0023)	ND(0.0029)	ND(0.0024)	ND(0.0021)	ND(0.0030)	ND(0.0021)	ND(0.0020)	ND(0.0029)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0022)	ND(0.0025)	ND(0.0023)	ND(0.0029)F2
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F2
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Chlorate	mg/kg	1.03	20.6	--	--	**0.38**	**0.10J**	**0.10J**	**4.2**	ND(0.057)	**0.080J**	**0.260**	**0.270**	**0.260**	**0.610**	**15**	**1,400**	**780**	**140**	**110**	**92**	**96**	**39**	**31**	**31**	**19**	**18**	**15**	**14**	**27**	**41**	**370**	**2,300**	**21**	**0.092J**	**0.087J**	**0.086J**	**1.9**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0017)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0023)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0023)	ND(0.0029)	ND(0.0024)	ND(0.0021)	ND(0.0030)	ND(0.0021)	ND(0.0020)	ND(0.0029)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0022)	ND(0.0025)	ND(0.0023)	ND(0.0029)F2
Chloroform	mg/kg	0.03	0.6	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	**0.027**	**0.014**	**0.039**	**0.022**	**0.031**	**0.026**	**0.0060**	**0.0036**	**0.0095**	**0.0049**	**0.0054**	**0.0061**	**0.0040**	**0.031**	**0.240**	**0.081**	**0.450**	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F2
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.00084)	ND(0.00094)	ND(0.00085)	ND(0.00079)	ND(0.00087)	ND(0.0011)	ND(0.00093)	ND(0.00076)	ND(0.00087)	ND(0.00090)	ND(0.00094)	ND(0.0016)	ND(0.0011)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0011)	ND(0.00098)	ND(0.0014)	ND(0.0013)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0011)	ND(0.0014)F1 F2
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0017)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0023)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0023)	ND(0.0029)	ND(0.0024)	ND(0.0021)	ND(0.0030)	ND(0.0021)	ND(0.0020)	ND(0.0029)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND

Borehole M248 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	53'	63'	73'	83'	93'	103'	113'	113'DUP	123'	133'	143'
Perchlorate	mg/kg	0.0155	0.31	--	--	**0.083F1**	**0.12**	**0.16**	**79**	**4.2**	**0.24**	**0.27**	**0.35**	ND(0.015)F1	ND(0.013)F1	ND(0.016)
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.23)	ND(0.21)	ND(0.21)	ND(0.26)	**2.3**	ND(0.28)	ND(0.24)	ND(0.27)	ND(0.24)F1	ND(0.21)	ND(0.25)
Chromium	mg/kg	--	--	--	--	**32**	**26**	**35**	**51**	**30**	**35**	**42**	**57**	**81F2 F1**	**24**	**52**
Percent Moisture	%	--	--	--	--	**32.7**	**28.3**	**28.2**	**41.3**	**38.5**	**46.9**	**38.4**	**44.9**	**36.5**	**28.6**	**39.4**
VOCs																
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0029)	ND(0.0026)	ND(0.0034)	ND(0.0027)	ND(0.0028)	ND(0.0027)	ND(0.0022)H	ND(0.0032)H
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0054)	ND(0.0053)	ND(0.0048)	ND(0.0072)	ND(0.0065)	ND(0.0082)	ND(0.0068)	ND(0.0071)	ND(0.0067)	ND(0.0055)H	ND(0.0079)H
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0054)	ND(0.0053)	ND(0.0048)	ND(0.0072)	ND(0.0065)	ND(0.0084)	ND(0.0068)	ND(0.0071)	ND(0.0067)	ND(0.0055)H	ND(0.0079)H
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0027)	ND(0.0026)	ND(0.0024)	ND(0.0036)	ND(0.0033)	ND(0.0042)	ND(0.0034)	ND(0.0036)	ND(0.0034)	ND(0.0027)H	ND(0.004)H
Acetone	mg/kg	0.8	16	--	--	ND(0.0087)	ND(0.0085)	ND(0.0077)	ND(0.012)	ND(0.01)	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.0087)H	**0.018J H**
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0029)	ND(0.0026)	ND(0.0034)	ND(0.0027)	ND(0.0028)	ND(0.0027)	ND(0.0022)H	ND(0.0032)H
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Chlorate	mg/kg	1.03	20.6	--	--	**1.3**	**2.0**	**2.6**	**270**	**16**	**1.9**	**2.4**	**2.7**	ND(0.079)	**0.075J**	**0.20J**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0029)	ND(0.0026)	ND(0.0034)	ND(0.0027)	ND(0.0028)	ND(0.0027)	ND(0.0022)H	ND(0.0032)H
Chloroform	mg/kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	**0.079**	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0029)	ND(0.0026)	ND(0.0034)	ND(0.0027)	ND(0.0028)	ND(0.0027)	ND(0.0022)H	ND(0.0032)H
Ethylbenzene	mg/kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Ethyl-t-butyl ether (ETBE)	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Hexachlorobutadiene	mg/kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Isopropyl Ether (DIPE)	mg/kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Isopropylbenzene	mg/kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
m,p-Xylene	mg/kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0029)	ND(0.0026)	ND(0.0034)	ND(0.0027)	ND(0.0028)	ND(0.0027)	ND(0.0022)H	ND(0.0032)H
Methylene Chloride	mg/kg	0.001	0.02	--	--	ND(0.0054)	ND(0.0053)	ND(0.0048)	ND(0.0072)	ND(0.0065)	ND(0.0084)	ND(0.0068)	ND(0.0071)	ND(0.0067)	ND(0.0055)H	ND(0.0079)H
Methyl-t-Butyl Ether (MTBE)	mg/kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Naphthalene	mg/kg	4	80	--	--	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0029)	ND(0.0026)	ND(0.0034)	ND(0.0027)	ND(0.0028)	ND(0.0027)	ND(0.0022)H	ND(0.0032)H
Nitrate as N	mg/kg	7	140	--	--	ND(1.2)	ND(1.1)	ND(1.1)	ND(1.4)	**1.4J**	**1.7J**	ND(1.3)	ND(1.4)	ND(1.3)	ND(1.1)	**1.5J**
n-Butylbenzene	mg/kg	--	--	3.2	64	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
N-Propylbenzene	mg/kg	--	--	1.2	24	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
o-Xylene	mg/kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
p-Isopropyltoluene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
sec-Butylbenzene	mg/kg	--	--	5.9	118	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Styrene	mg/kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Sulfate	mg/kg	--	--	--	--	**420**	**390**	**370**	**350**	**130**	**150**	**83**	**95**	**86**	**68**	**100**
Tert-amyl-methyl ether (TAME)	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
tert-Butyl alcohol (TBA)	mg/kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.0096)	ND(0.014)	ND(0.013)	ND(0.017)	ND(0.014)	**0.039J**	ND(0.013)	ND(0.011)H	ND(0.016)H
tert-Butylbenzene	mg/kg	--	--	1.6	32	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Tetrachloroethene	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Toluene	mg/kg	0.6	12	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
trans-1,2-Dichloroethene	mg/kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Trichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Trichlorofluoromethane	mg/kg	--	--	3.3	66	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Vinyl chloride	mg/kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0011)	ND(0.00096)	ND(0.0014)	ND(0.0013)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)H	ND(0.0016)H
Xylenes, Total	mg/kg	10	200	--	--	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0029)	ND(0.0026)	ND(0.0034)	ND(0.0027)	ND(0.0028)	ND(0.0027)	ND(0.0022)H	ND(0.0032)H

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
F2 - MS/MSD RPD exceeds control limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole M250 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	53'	63'	73'	83'	93'	103'	113'	113'DUP	123'	133'	143'
Perchlorate	mg/kg	0.0155	0.31	--	--	**3.0**	**14**	**150**	**470**	**1,500**	**1,200**	**1,300**	**1,300**	**110**	**2.6**	**0.64**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.23)	**0.70**	**4.9**	**19**	**52**	**45**	**55**	**59**	**1.5**	ND(0.27)	ND(0.24)
Chromium	mg/kg	--	--	--	--	**32**	**27**	**26**	**56**	**110**	**64**	**100**	**110**	**43**	**47**	**29**
Percent Moisture	%	--	--	--	--	**34.0**	**36.4**	**27.8**	**34.5**	**42.0**	**29.7**	**32.0**	**34.0**	**34.0**	**43.9**	**38.3**
VOCs																
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.12)	ND(0.12)	ND(0.0030)	ND(0.0027)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0059)	ND(0.0063)	ND(0.0051)	ND(0.0061)	ND(0.0070)	ND(0.0062)	ND(0.6)	ND(0.61)	ND(0.0074)	ND(0.0068)	ND(0.0064)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0059)	ND(0.0063)	ND(0.0051)	ND(0.0061)	ND(0.0070)	ND(0.0062)	ND(0.6)	ND(0.61)	ND(0.0074)	ND(0.0068)	ND(0.0064)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0030)	ND(0.0031)	ND(0.0026)	ND(0.0031)	ND(0.0035)	ND(0.0031)	ND(0.24)	ND(0.24)	ND(0.0037)	ND(0.0034)	ND(0.0032)
Acetone	mg/kg	0.8	16	--	--	ND(0.0095)	ND(0.010)	ND(0.0082)	ND(0.0098)	ND(0.011)	ND(0.0099)	ND(1.3)	ND(1.3)	ND(0.012)	ND(0.011)	ND(0.010)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	**0.0014J**	**0.0036**	**0.0019J**	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.12)	ND(0.12)	ND(0.0030)	ND(0.0027)	ND(0.0026)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	**0.003J**	**0.0059J**	**0.0027J**	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Chlorate	mg/kg	1.03	20.6	--	--	**50**	**230**	**1,800**	**18,000**	**18,000**	**35,000**	**15,000**	**16,000**	**2,200**	**97**	**7.0**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.12)	ND(0.12)	ND(0.0030)	ND(0.0027)	ND(0.0026)
Chloroform	mg/kg	0.03	0.6	--	--	**0.0065**	**0.012**	**0.23**	**1.3**	**3.0**	**1.3**	**2.7**	**2.7**	**0.079**	ND(0.0014)	ND(0.0013)
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.12)	ND(0.12)	ND(0.0030)	ND(0.0027)	ND(0.0026)
Ethylbenzene	mg/kg	0.7	14	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Hexachlorobutadiene	mg/kg	0.1	2	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/kg	--	--	0.37	7.4	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Isopropylbenzene	mg/kg	--	--	0.74	14.8	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
m,p-Xylene	mg/kg	10[d]	200[e]	--	--	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.12)	ND(0.12)	ND(0.0030)	ND(0.0027)	ND(0.0026)
Methylene Chloride	mg/kg	0.001	0.02	--	--	ND(0.0059)	ND(0.0063)	ND(0.0051)	ND(0.0061)	ND(0.0070)	ND(0.0062)	ND(0.6)	ND(0.61)	ND(0.0074)	ND(0.0068)	ND(0.0064)
Methyl-t-Butyl Ether (MTBE)	mg/kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Naphthalene	mg/kg	4	80	--	--	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.12)	ND(0.12)	ND(0.0030)	ND(0.0027)	ND(0.0026)
Nitrate as N	mg/kg	7	140	--	--	**2.1**	**2.9**	**3.6**	**11**	**36**	**39**	**45F1**	**54**	**5.8**	**1.8J**	ND(1.3)
n-Butylbenzene	mg/kg	--	--	3.2	64	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
N-Propylbenzene	mg/kg	--	--	1.2	24	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
o-Xylene	mg/kg	9	180	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
p-Isopropyltoluene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
sec-Butylbenzene	mg/kg	--	--	5.9	118	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Styrene	mg/kg	0.2	4	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Sulfate	mg/kg	--	--	--	--	**530**	**620**	**420**	**610**	**770**	**590**	**580**	**730**	**97**	**120**	**93**
Tert-amyl-methyl ether (TAME)	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/kg	--	--	--	--	ND(0.012)	ND(0.013)	ND(0.010)	ND(0.012)	ND(0.014)	ND(0.012)	ND(3.0)	ND(3.1)	ND(0.015)	ND(0.014)	ND(0.013)
tert-Butylbenzene	mg/kg	--	--	1.6	32	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Tetrachloroethene	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Toluene	mg/kg	0.6	12	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
trans-1,2-Dichloroethene	mg/kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Trichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.060)	ND(0.061)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Trichlorofluoromethane	mg/kg	--	--	3.3	66	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Vinyl chloride	mg/kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0013)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.12)	ND(0.12)	ND(0.0015)	ND(0.0014)	ND(0.0013)
Xylenes, Total	mg/kg	10	200	--	--	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.12)	ND(0.12)	ND(0.0030)	ND(0.0027)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole M252 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	53'	63'	73'	83'	93'	103'	103' DUP	113'	123'	135'
Perchlorate	mg/kg	0.0155	0.31	--	--	**4.6**	**3.9**	**31**	**1,800**	**29,000**	**870**	**600**	**290**	**3.2**	**13**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.22)	**0.42J**	**0.70**	**45**	**61**	**6.3**	**3.7**	**1.0F1**	ND(0.23)	ND(0.27)
Chromium	mg/kg	--	--	--	--	**34**	**26**	**21**	**150**	**160**	**34**	**33**	**36**	**31**	**86**
Percent Moisture	%	--	--	--	--	**30.1**	**32.7**	**27.4**	**43.2**	**47.1**	**36.4**	**33.6**	**31.6**	**33.2**	**44.2**
VOCs															
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0029)	ND(0.0032)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0027)	ND(0.0035)*
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0073)	ND(0.0081)	ND(0.0064)	ND(0.0057)	ND(0.0061)	ND(0.0069)	ND(0.0087)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0073)	ND(0.0081)	ND(0.0064)	ND(0.0057)	ND(0.0061)	ND(0.0069)	ND(0.0087)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0037)	ND(0.004)	ND(0.0032)	ND(0.0028)	ND(0.003)	ND(0.0034)	ND(0.0044)
Acetone	mg/kg	0.8	16	--	--	ND(0.0089)	ND(0.0089)	ND(0.0077)	ND(0.012)	ND(0.013)	ND(0.01)	ND(0.0091)	ND(0.0097)	ND(0.011)	ND(0.014)
Alkalinity as CaCO3	mg/L	--	--	--	--	**190**	**150**	**49**	**13**	**12**	**13**	**5.8**	**57**	**43**	
Arsenic	mg/kg	1	20	--	--	**20**	**16**	**18**	**20**	**24**	**19**	**19**	**14**	**28**	
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Bicarbonate ion as HCO3	mg/L	--	--	--	--	**36**	**24**	**35**	**16**	**15**	**16**	**16**	**7.0**	**49**	**40**
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	**0.0075**	**0.011**	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0022)	ND(0.0019)	**0.0050J**	**0.0064J**	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0027)	ND(0.0035)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Calcium	mg/L	--	--	--	--	**5.5B**	**4.2B**	**4.8B**	**58B**	**32B**	**46B**	**38B**	**13B**	**6.0B**	**4.0B**
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	**0.0056J**	**0.0089**	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Carbonate as CO3	mg/L	--	--	--	--	**97**	**76**	**12**	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	**9.6**	**6.3**
Chlorate	mg/kg	1.03	20.6	--	--	**68**	**48**	**44**	**9,700**	**16,000**	**2,600**	**2,600**	**850**	**32**	**28**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0029)	ND(0.0032)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0027)	ND(0.0035)
Chloride	mg/L	--	--	--	--	**3.5**	**3.2**	**6.0**	**150**	**190**	**49**	**49**	**27**	**2.7**	**3.4**
Chloroform	mg/kg	0.03	0.6	--	--	**0.020**	**0.027**	**0.10**	**2.9**	**5.8**	**0.44**	**0.46**	**0.10**	ND(0.0014)	ND(0.0017)
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	**0.0037**	**0.0048**	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0029)	ND(0.0032)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0027)	ND(0.0035)
Ethylbenzene	mg/kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Hexachlorobutadiene	mg/kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
Iron	mg/kg	589	11,780	--	--	**21,000B**	**16,000B**	**14,000B**	**20,000**	**18,000**	**16,000**	**17,000**	**18,000**	**10,000**	**18,000**
Isopropyl Ether (DIPE)	mg/kg	--	--	0.37	7.4	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Isopropylbenzene	mg/kg	--	--	0.74	14.8	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
m,p-Xylene	mg/kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0029)	ND(0.0032)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0027)	ND(0.0035)
Magnesium	mg/L	--	--	--	--	**30**	**36**	**120**	**28**	**15**	**23**	**19**	**6.7**	**2.6**	**2.1**
Manganese	mg/Kg	52.2	1,044	--	--	**480**	**400**	**330**	**230**	**340**	**350**	**370**	**350**	**170**	**230**
Methylene Chloride	mg/kg	0.001	0.02	--	--	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0073)	ND(0.0081)	ND(0.0064)	ND(0.0057)	ND(0.0061)	ND(0.0069)	ND(0.0087)
Methyl-t-Butyl Ether (MTBE)	mg/kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Naphthalene	mg/kg	4	80	--	--	ND(0.0022)	ND(0.0022)	ND(0.002)*	ND(0.0029)	ND(0.0032)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0027)	ND(0.0035)*
Nitrate as N	mg/kg	7	140	--	--	ND(1.1)	ND(1.2)	ND(1.1)	**33**	**49**	**9.3**	**7.7**	**4.4**	ND(1.2)	**1.7J**
Nitrate as NO3	mg/L	--	--	--	--	ND(0.25)	**0.36J**	**0.46J**	**8.0**	**9.2**	**2.2**	**2.3**	**1.4**	**0.32J**	**0.42J**
n-Butylbenzene	mg/kg	--	--	3.2	64	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
N-Propylbenzene	mg/kg	--	--	1.2	24	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
o-Xylene	mg/kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
p-Isopropyltoluene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
pH	SU	--	--	--	--	**9.4**	**9.5**	**8.7**	**7.3**	**7.3**	**7.5**	**7.4**	**7.5**	**8.7**	**8.2**
Potassium	mg/L	--	--	--	--	**6.9**	**4.8J**	**7**	**10**	**11**	**8.6**	**6.0**	**4.5J**	**2.9J**	ND(2.5)
sec-Butylbenzene	mg/kg	--	--	5.9	118	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
Sodium	mg/L	--	--	--	--	**240**	**160**	**100**	**410**	**540**	**140**	**110**	**62**	**22**	**31**
Styrene	mg/kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Sulfate	mg/kg	--	--	--	--	**360**	**250**	**300**	**920**	**1,200**	**170**	**140**	**67**	**76**	**100**
Sulfate	mg/L	--	--	--	--	**24**	**21**	**27**	**54**	**47**	**10**	**9.6**	**4.5**	**3.8**	**5.2**
Tert-amyl-methyl ether (TAME)	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.0097)	ND(0.015)	ND(0.016)	ND(0.013)	ND(0.011)	ND(0.012)	ND(0.014)	ND(0.017)
tert-Butylbenzene	mg/kg	--	--	1.6	32	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)*
Tetrachloroethene	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Toluene	mg/kg	0.6	12	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Total Dissolved Solids	mg/L	--	--	--	--	**710**	**530**	**840**	**1,300**	**1,400**	**520**	**510**	**200**	**64**	**90**
Total Organic Carbon	mg/kg	--	--	--	--	**4,200**	**4,300**	**7,900**	**5,800**	**3,800**	**7,400**	**8,000**	**9,100**	**68,000**	**6,600**
trans-1,2-Dichloroethene	mg/kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Trichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Trichlorofluoromethane	mg/kg	--	--	3.3	66	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Vinyl chloride	mg/kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0011)	ND(0.00097)	ND(0.0015)	ND(0.0016)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0017)
Xylenes, Total	mg/kg	10	200	--	--	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0029)	ND(0.0032)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0027)	ND(0.0035)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole M254 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	53'	63'	73'	83'	93'	103'	115'	115'DUP	123'	135'	143'
Perchlorate	mg/kg	0.0155	0.31	--	--	**1.3**	**1.6**	**1.4**	**340**	**760**	**330**	**16**	**19**	**1.0**	**2.1**	**0.022J**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.23)	ND(0.22)	ND(0.20)	**5.0**	**3.8**	**1.1**	ND(0.24)	**0.52**	ND(0.24)	ND(0.26)	ND(0.24)
Chromium	mg/kg	--	--	--	--	**38**	**29**	**2.1**	**39**	**70**	**26**	**72F1**	**42**	**29**	**43**	**45**
Percent Moisture	%	--	--	--	--	**34.9**	**32.3**	**26.8**	**30.9**	**39.2**	**42.7**	**37.6**	**39.4**	**38.6**	**42.4**	**38.0**
VOCs																
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0024)	ND(0.0023)	ND(0.0020)	ND(0.0020)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0029)	ND(0.0024)	ND(0.0029)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0061)	ND(0.0057)	ND(0.0051)	ND(0.0050)	ND(0.0068)	ND(0.0064)	ND(0.0073)	ND(0.0071)	ND(0.0061)	ND(0.0072)	ND(0.0067)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0061)	ND(0.0057)	ND(0.0051)	ND(0.0050)	ND(0.0068)	ND(0.0064)	ND(0.0073)	ND(0.0071)	ND(0.0061)	ND(0.0072)	ND(0.0067)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0031)	ND(0.0029)	ND(0.0025)	ND(0.0025)	ND(0.0034)	ND(0.0032)	ND(0.0036)	ND(0.0036)	ND(0.003)	ND(0.0036)	ND(0.0034)
Acetone	mg/kg	0.8	16	--	--	ND(0.0098)	ND(0.0091)	ND(0.0080)	ND(0.0080)	**0.022J**	ND(0.010)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.011)	ND(0.011)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0024)	ND(0.0023)	ND(0.0020)	ND(0.0020)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0029)	ND(0.0024)	ND(0.0029)	ND(0.0027)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Chlorate	mg/kg	1.03	20.6	--	--	**6.2**	**13**	**13**	**1200**	**1100**	**890**	**15**	**15**	**3.9**	**2.7**	**0.18J**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0024)	ND(0.0023)	ND(0.0020)	ND(0.0020)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0029)	ND(0.0024)	ND(0.0029)	ND(0.0027)
Chloroform	mg/kg	0.03	0.6	--	--	**0.0017J**	**0.0036**	**0.0029**	**0.060**	**0.14**	**0.050**	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0024)	ND(0.0023)	ND(0.0020)	ND(0.0020)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0029)	ND(0.0024)	ND(0.0029)	ND(0.0027)
Ethylbenzene	mg/kg	0.7	14	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Hexachlorobutadiene	mg/kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/kg	--	--	0.37	7.4	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Isopropylbenzene	mg/kg	--	--	0.74	14.8	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
m,p-Xylene	mg/kg	10[d]	200[e]	--	--	ND(0.0024)	ND(0.0023)	ND(0.0020)	ND(0.0020)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0029)	ND(0.0024)	ND(0.0029)	ND(0.0027)
Methylene Chloride	mg/kg	0.001	0.02	--	--	ND(0.0061)	ND(0.0057)	ND(0.0051)	ND(0.0050)	ND(0.0068)	ND(0.0064)	ND(0.0073)	ND(0.0071)	ND(0.0061)	ND(0.0072)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Naphthalene	mg/kg	4	80	--	--	ND(0.0024)	ND(0.0023)	ND(0.0020)	ND(0.0020)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0029)	ND(0.0024)	ND(0.0029)	ND(0.0027)
Nitrate as N	mg/kg	7	140	--	--	ND(1.2)	ND(1.2)	ND(1.1)	**1.9**	**3.5**	**2.8**	**1.4J**	**1.4J**	**1.7J**	**2.0**	**1.4J**
n-Butylbenzene	mg/kg	--	--	3.2	64	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
N-Propylbenzene	mg/kg	--	--	1.2	24	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
o-Xylene	mg/kg	9	180	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
p-Isopropyltoluene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
sec-Butylbenzene	mg/kg	--	--	5.9	118	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Styrene	mg/kg	0.2	4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Sulfate	mg/kg	--	--	--	--	**450**	**370**	**270**	**270**	**320**	**220**	**130F1**	**170**	**110**	**150**	**70**
Tert-amyl-methyl ether (TAME)	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/kg	--	--	--	--	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.014)	**0.043J**	**0.023J ID**	ND(0.014)	ND(0.012)	ND(0.014)	ND(0.013)
tert-Butylbenzene	mg/kg	--	--	1.6	32	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Tetrachloroethene	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Toluene	mg/kg	0.6	12	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
trans-1,2-Dichloroethene	mg/kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Trichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Trichlorofluoromethane	mg/kg	--	--	3.3	66	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Vinyl chloride	mg/kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0013)	ND(0.0015)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0013)
Xylenes, Total	mg/kg	10	200	--	--	ND(0.0024)	ND(0.0023)	ND(0.0020)	ND(0.0020)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0029)	ND(0.0024)	ND(0.0029)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole M255 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL									
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	43'	53'	63'	73'	83'	93'	103'	103'DUP
Perchlorate	mg/kg	0.0155	0.31	--	--	**41**	**32**	**26**	**28**	**280**	**110**	**47**	**41**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.25)	**1.1**	ND(0.23)	**1.0**	**5.0**	**2.7**	ND(0.23)F1	**0.36J**
Chromium	mg/kg	--	--	--	--	**39**	**51**	**34**	**22**	**59**	**46**	**19**	**29**
Percent Moisture	%	--	--	--	--	**39.2**	**39.2**	**35.3**	**29.6**	**43.0**	**41.0**	**35.9**	**38.4**
VOCs													
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)*	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0027)	ND(0.0027)	ND(0.0025)	ND(0.0013)	ND(0.15)	ND(0.0025)	ND(0.0030)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)*	ND(0.0013)	ND(0.0015)	ND(0.0013)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0067)	ND(0.0068)	ND(0.0063)	ND(0.0033)	ND(0.76)	ND(0.0064)	ND(0.0076)	ND(0.0065)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0067)	ND(0.0068)	ND(0.0063)	ND(0.0033)	ND(0.76)	ND(0.0064)	ND(0.0076)	ND(0.0065)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0034)	ND(0.0034)	ND(0.0032)	ND(0.0017)	ND(0.30)	ND(0.0032)	ND(0.0038)	ND(0.0033)
Acetone	mg/kg	0.8	16	--	--	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.0053)	ND(1.7)	ND(0.010)	ND(0.012)	ND(0.010)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0027)	ND(0.0027)	ND(0.0025)	ND(0.0013)	ND(0.15)	ND(0.0025)	ND(0.0030)	ND(0.0026)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Chlorate	mg/kg	1.03	20.6	--	--	**400**	**360**	**320**	**280**	**2,400**	**1,000**	**280**	**290**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0027)	ND(0.0027)	ND(0.0025)	ND(0.0013)	ND(0.15)	ND(0.0025)	ND(0.0030)	ND(0.0026)
Chloroform	mg/kg	0.03	0.6	--	--	**0.12**	**0.14**	**0.088**	**0.061**	**0.98**	**0.39**	**0.024**	**0.017**
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0027)	ND(0.0027)	ND(0.0025)	ND(0.0013)	ND(0.15)	ND(0.0025)	ND(0.0030)	ND(0.0026)
Ethylbenzene	mg/kg	0.7	14	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Hexachlorobutadiene	mg/kg	0.1	2	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/kg	--	--	0.37	7.4	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Isopropylbenzene	mg/kg	--	--	0.74	14.8	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
m,p-Xylene	mg/kg	10[d]	200[e]	--	--	ND(0.0027)	ND(0.0027)	ND(0.0025)	ND(0.0013)	ND(0.15)	ND(0.0025)	ND(0.0030)	ND(0.0026)
Methylene Chloride	mg/kg	0.001	0.02	--	--	ND(0.0067)	ND(0.0068)	ND(0.0063)	ND(0.0033)	ND(0.76)	ND(0.0064)	ND(0.0076)	ND(0.0065)
Methyl-t-Butyl Ether (MTBE)	mg/kg	--	--	0.0032	0.064	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Naphthalene	mg/kg	4	80	--	--	ND(0.0027)	ND(0.0027)	ND(0.0025)	ND(0.0013)	ND(0.15)	ND(0.0025)	ND(0.0030)	ND(0.0026)
Nitrate as N	mg/kg	7	140	--	--	**3.0**	**2.8**	**2.1**	**1.5**	**7.4**	**3.7**	**1.7**	**2.2**
n-Butylbenzene	mg/kg	--	--	3.2	64	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
N-Propylbenzene	mg/kg	--	--	1.2	24	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
o-Xylene	mg/kg	9	180	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
p-Isopropyltoluene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	**0.17**	ND(0.0013)	ND(0.0015)	ND(0.0013)
sec-Butylbenzene	mg/kg	--	--	0.59	11.8	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Styrene	mg/kg	0.2	4	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Sulfate	mg/kg	--	--	--	--	**620**	**640**	**580**	**370**	**840**	**480**	**77**	**88**
Tert-amyl-methyl ether (TAME)	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/kg	--	--	--	--	ND(0.013)	ND(0.014)	ND(0.013)	ND(0.0066)	ND(3.8)	ND(0.013)	**0.022J**	ND(0.013)
tert-Butylbenzene	mg/kg	--	--	0.16	3.2	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Tetrachloroethene	mg/kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	**0.0013J**	ND(0.0015)	ND(0.0013)
Toluene	mg/kg	0.6	12	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
trans-1,2-Dichloroethene	mg/kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Trichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.076)*	ND(0.0013)	ND(0.0015)	ND(0.0013)
Trichlorofluoromethane	mg/kg	--	--	0.33	6.6	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Vinyl chloride	mg/kg	0.0007	0.014	--	--	ND(0.0013)	ND(0.0014)	ND(0.0013)	ND(0.00066)	ND(0.15)	ND(0.0013)	ND(0.0015)	ND(0.0013)
Xylenes, Total	mg/kg	10	200	--	--	ND(0.0027)	ND(0.0027)	ND(0.0025)	ND(0.0013)	ND(0.15)	ND(0.0025)	ND(0.0030)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits

a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.

b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/Kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole M257 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	53'	63'	73'	83'	93'	103'	113'	113'DUP	123'	133'	143'
Perchlorate	mg/kg	0.0155	0.31	--	--	**52**	**57**	**110**	**310**	**4,100**	**3,000**	**2,300**	**2,400**	**640**	**57**	**5.1**
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.23)	ND(0.23)	ND(0.25)	**1.7**	**36**	**42**	**21**	**22**	**0.31J**	ND(0.25)	ND(0.23)
Chromium	mg/kg	--	--	--	--	**41**	**44**	**53**	**34**	**130**	**100**	**66**	**110**	**47**	**30**	**33**
Percent Moisture	%	--	--	--	--	**35.3**	**33.2**	**38.8**	**23.7**	**42.5**	**37.4**	**24.9**	**33**	**44.7**	**39.3**	**36.5**
VOCs																
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0050)	ND(0.0042)	ND(0.0059)	ND(0.0017)	ND(0.0030)	ND(0.0027)	ND(0.0022)	ND(0.13)	ND(0.0033)	ND(0.0028)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.013)	ND(0.011)	ND(0.015)	ND(0.0043)	ND(0.0074)	ND(0.0067)	ND(0.0054)	ND(0.66)	ND(0.0082)	ND(0.0069)	ND(0.0067)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.013)	ND(0.011)	ND(0.015)	ND(0.0043)	ND(0.0074)	ND(0.0067)	ND(0.0054)	ND(0.66)	ND(0.0082)	ND(0.0069)	ND(0.0067)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0063)	ND(0.0053)	ND(0.0074)	ND(0.0021)	ND(0.0037)	ND(0.0034)	ND(0.0027)	ND(0.26)	ND(0.0041)	ND(0.0035)	ND(0.0033)
Acetone	mg/kg	0.8	16	--	--	ND(0.020)	ND(0.017)	ND(0.024)	ND(0.0068)	ND(0.012)	ND(0.011)	ND(0.0086)	ND(1.5)	ND(0.013)	ND(0.011)	ND(0.011)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	**0.0017J**	**0.0040**	**0.0025**	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0050)	ND(0.0042)	ND(0.0059)	ND(0.0017)	ND(0.0030)	ND(0.0027)	ND(0.0022)	ND(0.13)	ND(0.0033)	ND(0.0028)	ND(0.0027)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	**0.0019J**	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Chlorate	mg/kg	1.03	20.6	--	--	**85**	**110**	**210**	**780**	**12,000**	**28,000**	**15,000**	**16,000**	**1,600**	**130**	**14**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0050)	ND(0.0042)	ND(0.0059)	ND(0.0017)	ND(0.0030)	ND(0.0027)	ND(0.0022)	ND(0.13)	ND(0.0033)	ND(0.0028)	ND(0.0027)
Chloroform	mg/kg	0.03	0.6	--	--	**0.02**	**0.016**	**0.066**	**0.098**	**1.0**	**2.5**	**1.9**	**2.4**	**0.070**	**0.0058**	**0.0052**
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	**0.0014J**	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0050)	ND(0.0042)	ND(0.0059)	ND(0.0017)	ND(0.0030)	ND(0.0027)	ND(0.0022)	ND(0.13)	ND(0.0033)	ND(0.0028)	ND(0.0027)
Ethylbenzene	mg/kg	0.7	14	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Hexachlorobutadiene	mg/kg	0.1	2	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/kg	--	--	0.37	7.4	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Isopropylbenzene	mg/kg	--	--	0.74	14.8	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
m,p-Xylene	mg/kg	10[d]	200[e]	--	--	ND(0.0050)	ND(0.0042)	ND(0.0059)	ND(0.0017)	ND(0.0030)	ND(0.0027)	ND(0.0022)	ND(0.13)	ND(0.0033)	ND(0.0028)	ND(0.0027)
Methylene Chloride	mg/kg	0.001	0.02	--	--	ND(0.013)	ND(0.011)	ND(0.015)	ND(0.0043)	ND(0.0074)	ND(0.0067)	ND(0.0054)	ND(0.66)	ND(0.0082)	ND(0.0069)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/kg	--	--	0.0032	0.064	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Naphthalene	mg/kg	4	80	--	--	ND(0.0050)	ND(0.0042)	ND(0.0059)	ND(0.0017)	ND(0.0030)	ND(0.0027)	ND(0.0022)	ND(0.13)	ND(0.0033)	ND(0.0028)	ND(0.0027)
Nitrate as N	mg/kg	7	140	--	--	**1.3J**	ND(1.2)	**1.5J**	**1.7**	**24**	**28**	**22**	**31**	**8.3**	**1.9**	**1.5J**
n-Butylbenzene	mg/kg	--	--	3.2	64	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
N-Propylbenzene	mg/kg	--	--	1.2	24	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
o-Xylene	mg/kg	9	180	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
p-Isopropyltoluene	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
sec-Butylbenzene	mg/kg	--	--	5.9	118	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Styrene	mg/kg	0.2	4	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Sulfate	mg/kg	--	--	--	--	**490**	**460**	**460**	**190**	**670**	**610**	**380**	**470**	**150**	**110**	**110d2 F1**
Tert-amyl-methyl ether (TAME)	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/kg	--	--	--	--	ND(0.025)	ND(0.021)	ND(0.029)	ND(0.0085)	ND(0.015)	ND(0.013)	ND(0.011)	ND(3.3)	ND(0.016)	ND(0.014)	ND(0.013)
tert-Butylbenzene	mg/kg	--	--	1.6	32	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Tetrachloroethene	mg/kg	0.003	0.06	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Toluene	mg/kg	0.6	12	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
trans-1,2-Dichloroethene	mg/kg	0.03	0.6	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Trichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.066)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Trichlorofluoromethane	mg/kg	--	--	3.3	66	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Vinyl chloride	mg/kg	0.0007	0.014	--	--	ND(0.0025)	ND(0.0021)	ND(0.0029)	ND(0.00085)	ND(0.0015)	ND(0.0013)	ND(0.0011)	ND(0.13)	ND(0.0016)	ND(0.0014)	ND(0.0013)
Xylenes, Total	mg/kg	10	200	--	--	ND(0.0050)	ND(0.0042)	ND(0.0059)	ND(0.0017)	ND(0.0030)	ND(0.0027)	ND(0.0022)	ND(0.13)	ND(0.0033)	ND(0.0028)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole M258 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL					
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	113'	123'	133'	143'
Perchlorate	mg/kg	0.0155	0.31	--	--	**39**	**0.013J**	**0.16**	**0.38**
Hexavalent chromium	mg/kg	2	40	--	--	**0.35J**	ND(0.21)	**0.33J**	ND(0.20)
Chromium	mg/kg	--	--	--	--	**42**	**28**	**31**	**36**
Percent Moisture	%	--	--	--	--	**44.3**	**28.0**	**26.4**	**26.2**
VOCs									
1,1,1,2-Tetrachloroethane	mg/kg	--	--	0.00022	0.0044	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,1,1-Trichloroethane	mg/kg	0.1	2	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/kg	0.0002	0.004	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,1,2-Trichloroethane	mg/kg	0.0009	0.018	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,1-Dichloroethane	mg/kg	1	20	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,1-Dichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,1-Dichloropropene	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2,3-Trichlorobenzene	mg/kg	--	--	0.021	0.42	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2,3-Trichloropropane	mg/kg	--	--	0.00000032	0.0000064	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/kg	0.3	6	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2,4-Trimethylbenzene	mg/kg	--	--	0.081	1.62	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2-Dibromo-3-Chloropropane	mg/kg	--	--	0.00000014	0.0000028	ND(0.0031)	ND(0.0020)	ND(0.0015)	ND(0.0021)
1,2-Dibromoethane (EDB)	mg/kg	--	--	0.0000021	0.000042	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2-Dichlorobenzene	mg/kg	0.9	18	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2-Dichloroethane	mg/kg	0.001	0.02	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,2-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,3,5-Trimethylbenzene	mg/kg	--	--	0.087	1.74	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,3-Dichlorobenzene	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,3-Dichloropropane	mg/kg	0.001	0.02	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
1,4-Dichlorobenzene	mg/kg	0.1	2	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
2,2-Dichloropropane	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
2-Butanone (MEK)	mg/kg	--	--	1.2	24	ND(0.0078)	ND(0.0052)	ND(0.0038)	ND(0.0052)
2-Chlorotoluene	mg/kg	--	--	0.23	4.6	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
2-Hexanone	mg/kg	--	--	0.0088	0.176	ND(0.0078)	ND(0.0050)	ND(0.0038)	ND(0.0052)
4-Chlorotoluene	mg/kg	--	--	0.24	4.8	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
4-Methyl-2-pentanone (MIBK)	mg/kg	--	--	1.4	28	ND(0.0039)	ND(0.0025)	ND(0.0019)	ND(0.0026)
Acetone	mg/kg	0.8	16	--	--	ND(0.012)	ND(0.0083)	**0.040**	ND(0.0084)
Benzene	mg/kg	0.002	0.04	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Bromobenzene	mg/kg	--	--	0.042	0.84	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Bromochloromethane	mg/kg	--	--	0.021	0.42	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Bromodichloromethane	mg/kg	0.03	0.6	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Bromoform	mg/kg	0.04	0.8	--	--	ND(0.0031)	ND(0.0020)	ND(0.0015)	ND(0.0021)
Bromomethane	mg/kg	0.01	0.2	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Carbon tetrachloride	mg/kg	0.003	0.06	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Chlorate	mg/kg	1.03	20.6	--	--	**360**	**0.26J**	**2.3**	**0.65**
Chlorobenzene	mg/kg	0.07	1.4	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Chloroethane	mg/kg	--	--	5.9	118	ND(0.0031)	ND(0.0020)	ND(0.0015)	ND(0.0021)
Chloroform	mg/kg	0.03	0.6	--	--	**0.037**	ND(0.00099)	ND(0.00077)	ND(0.0010)
Chloromethane	mg/kg	--	--	0.049	0.98	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
cis-1,2-Dichloroethene	mg/kg	0.02	0.4	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Dibromochloromethane	mg/kg	0.02	0.4	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Dibromomethane	mg/kg	--	--	0.0021	0.042	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Dichlorodifluoromethane	mg/kg	--	--	0.3	6	ND(0.0031)	ND(0.0020)	ND(0.0015)	ND(0.0021)
Ethylbenzene	mg/kg	0.7	14	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Ethyl-t-butyl ether (ETBE)	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Hexachlorobutadiene	mg/kg	0.1	2	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Isopropyl Ether (DIPE)	mg/kg	--	--	0.37	7.4	ND(0.0016)	ND(0.00099)	ND(0.00077)*	ND(0.0010)*
Isopropylbenzene	mg/kg	--	--	0.74	14.8	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
m,p-Xylene	mg/kg	10[d]	200[e]	--	--	ND(0.0031)	ND(0.0020)	ND(0.0015)	ND(0.0021)
Methylene Chloride	mg/kg	0.001	0.02	--	--	ND(0.0078)	ND(0.0050)	ND(0.0038)	ND(0.0052)
Methyl-t-Butyl Ether (MTBE)	mg/kg	--	--	0.0032	0.064	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Naphthalene	mg/kg	4	80	--	--	ND(0.0031)	ND(0.0020)	ND(0.0015)	ND(0.0021)
Nitrate as N	mg/kg	7	140	--	--	**2.5**	**1.1J**	ND(1.1)	ND(1.1)
n-Butylbenzene	mg/kg	--	--	3.2	64	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
N-Propylbenzene	mg/kg	--	--	1.2	24	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
o-Xylene	mg/kg	9	180	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
p-Isopropyltoluene	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
sec-Butylbenzene	mg/kg	--	--	5.9	118	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Styrene	mg/kg	0.2	4	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Sulfate	mg/kg	--	--	--	--	**120**	**80**	**39**	**50**
Tert-amyl-methyl ether (TAME)	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
tert-Butyl alcohol (TBA)	mg/kg	--	--	--	--	ND(0.016)	ND(0.0099)	**0.014J ID**	ND(0.010)
tert-Butylbenzene	mg/kg	--	--	1.6	32	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Tetrachloroethene	mg/kg	0.003	0.06	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Toluene	mg/kg	0.6	12	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
trans-1,2-Dichloroethene	mg/kg	0.03	0.6	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Trichloroethene	mg/kg	0.003	0.06	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Trichlorofluoromethane	mg/kg	--	--	3.3	66	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Vinyl chloride	mg/kg	0.0007	0.014	--	--	ND(0.0016)	ND(0.00099)	ND(0.00077)	ND(0.0010)
Xylenes, Total	mg/kg	10	200	--	--	ND(0.0031)	ND(0.0020)	ND(0.0015)	ND(0.0021)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits

a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, iron, and manganese which were re-calculated based on risk-based concentrations, in accordance with NDEP guidance.

b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene
e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/Kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Supplementary Soil Sampling Analytical Results - Dioxins, Furans, PCBs, and Asbestos

Analyte	Units	TEF[a]	NDEP Screening Standard	RSL		Asbestos Screening Standard	Depth Below Ground Surface											
							U4U5-1			U4U5-2				U4U5-3		U4U5-4		
				DAF 1[b]	DAF 20[c]		1'	2.5'	5'	1'	2.5'	5'	7.5'	2.5'	5'	1'	2.5'	5'
Dioxins & Furans																		
1,2,3,4,6,7,8-HpCDD	pg/g	0.01	--	--	--	--	**0.39 J B**	**0.16 J B**	**0.14 J B q**	**1.4 J B**	**12 B**	**9.4 B**	**0.18 J B**	**0.24 J B**	**0.29 J B**	**5.7 B**	**0.11 J B**	**0.15 J B**
1,2,3,4,6,7,8-HpCDF	pg/g	0.01	--	--	--	--	**1.5 J B**	**0.35 J B q**	**0.28 J B**	**14**	**3.4 J**	**120**	**0.89 J**	ND(0.054)	**1.0 J q**	**73**	**0.14 J q**	**0.092 J**
1,2,3,4,7,8,9-HpCDF	pg/g	0.01	--	--	--	--	ND(0.078)	**0.17 J q**	ND(0.051)	**5.1**	**1.0 J**	**39**	**0.41 J**	ND(0.020)	**0.48 J**	**26**	ND(0.016)	ND(0.020)
1,2,3,4,7,8-HxCDD	pg/g	0.1	--	--	--	--	ND(0.040)	ND(0.043)	ND(0.038)	**0.13 J q**	**2.5 J**	**1.6 J**	ND(0.024)	ND(0.026)	**0.056 J**	**0.72 J**	ND(0.022)	ND(0.026)
1,2,3,4,7,8-HxCDF	pg/g	0.1	--	--	--	--	**0.54 J B**	**0.19 J B**	**0.17 J B**	**5.3**	**1.4 J**	**40**	**0.32 J**	ND(0.039)	**0.43 J**	**23**	ND(0.030)	ND(0.037)
1,2,3,6,7,8-HxCDD	pg/g	0.1	--	--	--	--	**0.13 J**	ND(0.035)	**0.093 J q**	**0.33 J**	**6.4**	**2.7 J**	**0.14 J**	**0.057 J**	**0.088 J q**	**1.4 J**	**0.049 J**	ND(0.021)
1,2,3,6,7,8-HxCDF	pg/g	0.1	--	--	--	--	**0.39 J**	**0.12 J q**	**0.077 J q**	**3.4 J**	**0.85 J**	**30**	**0.29 J**	ND(0.031)	**0.31 J**	**17**	ND(0.024)	ND(0.030)
1,2,3,7,8,9-HxCDD	pg/g	0.1	--	--	--	--	**0.13 J q**	ND(0.033)	**0.14 J q**	**0.35 J**	**9.5**	**2.6 J**	**0.21 J**	ND(0.020)	**0.17 J**	**1.5 J**	**0.076 J q**	**0.11 J q**
1,2,3,7,8,9-HxCDF	pg/g	0.1	--	--	--	--	ND(0.080)	ND(0.063)	ND(0.052)	**0.58 J * q**	ND(0.12) *	**3.7 J ***	**0.20 J ***	ND(0.038) *	**0.21 J ***	**2.2 J ***	ND(0.029) *	ND(0.036) *
1,2,3,7,8-PeCDD	pg/g	1	--	--	--	--	ND(0.062)	ND(0.061)	ND(0.058)	**0.14 J q**	**6.2**	**1.6 J**	ND(0.037)	ND(0.032)	ND(0.041)	**0.81 J**	ND(0.029)	ND(0.033)
1,2,3,7,8-PeCDF	pg/g	0.03	--	--	--	--	**0.26 J**	ND(0.048)	ND(0.042)	**2.5 J**	**0.53 J**	**23**	ND(0.038)	ND(0.026)	**0.29 J**	**13**	ND(0.024)	ND(0.024)
2,3,4,6,7,8-HxCDF	pg/g	0.1	--	--	--	--	ND(0.076)	ND(0.060)	ND(0.050)	**0.89 J q**	**0.18 J q**	**7.0**	**0.090 J q**	ND(0.036)	**0.16 J q**	**4.4 J**	ND(0.028)	ND(0.034)
2,3,4,7,8-PeCDF	pg/g	0.3	--	--	--	--	ND(0.085)	ND(0.050)	ND(0.044)	**1.1 J q**	**0.29 J**	**11**	ND(0.040)	ND(0.028)	**0.15 J**	**6.2**	ND(0.025)	ND(0.025)
2,3,7,8-TCDD	pg/g	1	--	--	--	--	ND(0.046)	ND(0.047)	ND(0.038)	ND(0.044)	**0.92 J**	**0.79 J**	ND(0.021)	ND(0.031)	ND(0.033)	ND(0.070)	ND(0.021)	ND(0.022)
2,3,7,8-TCDF	pg/g	0.1	--	--	--	--	**0.25 J**	**0.066 J q**	**0.072 J**	**1.6**	**0.58 J**	**21**	**0.15 J**	ND(0.027)	**0.36 J**	**11**	ND(0.024)	ND(0.028)
OCDD	pg/g	0.0003	--	--	--	--	**1.8 J B**	**0.62 J B**	**2.2 J B**	**3.9 J B**	**10 B**	**15 B**	**0.57 J B q**	**1.7 J B**	**1.2 J B**	**11 B**	**0.71 J B**	**1.1 J B**
OCDF	pg/g	0.0003	--	--	--	--	**4.7 J B**	**1.0 J B**	**0.68 J B**	**37 B**	**9.3 J B**	**480 B**	**2.6 J B**	**0.20 J B**	**5.5 J B**	**200 B**	**0.27 J B**	**0.21 J B**
TCDD TEQ	pg/g	--	1,000	--	--	--	**0.17265**	**0.044886**	**0.060264**	**2.02027**	**9.53369**	**19.0725**	**0.155751**	**0.00867**	**0.25181**	**10.2923**	**0.015294**	**0.013813**
PCBs																		
Aroclor 1016	µg/kg	--	--	13	260	--	ND(19)	ND(18)	ND(20)	ND(19)	ND(19)	ND(41)	ND(39)	ND(19)	ND(19)	ND(18)	ND(19)	ND(19)
Aroclor 1221	µg/kg	--	--	0.08	1.6	--	ND(19)	ND(18)	ND(20)	ND(19)	ND(19)	ND(41)	ND(39)	ND(19)	ND(19)	ND(18)	ND(19)	ND(19)
Aroclor 1232	µg/kg	--	--	0.08	1.6	--	ND(19)	ND(18)	ND(20)	ND(19)	ND(19)	ND(41)	ND(39)	ND(19)	ND(19)	ND(18)	ND(19)	ND(19)
Aroclor 1242	µg/kg	--	--	1.2	24	--	ND(19)	ND(18)	ND(20)	ND(19)	ND(19)	ND(41)	ND(39)	ND(19)	ND(19)	ND(18)	ND(19)	ND(19)
Aroclor 1248	µg/kg	--	--	1.2	24	--	ND(19)	ND(18)	ND(20)	ND(19)	ND(19)	ND(41)	ND(39)	ND(19)	ND(19)	ND(18)	ND(19)	ND(19)
Aroclor 1254	µg/kg	--	--	2.1	42	--	ND(19)	ND(18)	ND(20)	ND(19)	ND(19)	**200**	ND(39)	ND(19)	ND(19)	ND(18)	ND(19)	ND(19)
Aroclor 1260	µg/kg	--	--	5.5	110	--	ND(19)	ND(18)	ND(20)	ND(19)	ND(19) F1	ND(41)	ND(39)	ND(19)	ND(19)	ND(18)	ND(19)	ND(19)
Asbestos																		
Asbestos Content	%	--	--	--	--	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The TEFs are found in Table 2 the EPA document "Recommended Toxicity Equivalence Factors (TEFs) for Human Health Risk Assessments of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Dioxin-like Compounds"
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
F1 - MS and/or MSD Recovery is outside acceptance limits
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
MS/MSD - Matrix Spike/Matrix Spike Duplicate
ND (19) - non-detect at the laboratory method detection limit shown in parentheses
PCBs - polychlorinated biphenyls
pg/g - picogram per gram
q - The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ration. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference
RL - reporting limit
RSL - Regional Screening Level
TEF - toxic equivalency factor
TEQ - toxic equivalency factor
µg/kg - microgram per kilogram

Supplementary Soil Sampling Analytical Results - Radionuclides

Analyte	Units	Maximum Background Soil Concentrations	Depth Below Ground Surface											
			U4U5-1			U4U5-2				U4U5-3		U4U5-4		
			1'	2.5'	5'	1'	2.5'	5'	7.5'	2.5'	5'	1'	2.5'	5'
Radionuclides														
Radium-226	pCi/g	2.36	**0.999**	**1.16**	**0.916**	**1.00**	**0.681**	**0.995**	**1.15**	**1.04**	**0.713**	**0.733**	**0.758**	**0.884**
Radium-228	pCi/g	2.92	**0.548**	**1.03**	**0.577**	**1.85**	**0.522**	**0.451**	**1.59**	**1.00**	**0.710**	**1.62**	**0.687**	**0.985**
Thorium-228	pCi/g	2.28	**1.65**	**1.90**	**1.81**	**1.79**	**1.42**	**1.80**	**1.73**	**1.94**	**1.38**	**1.50**	**2.09**	**1.66**
Thorium-230	pCi/g	3.01	**1.15**	**1.59**	**1.16**	**1.03**	**1.01**	**0.940**	**1.16**	**1.30**	**1.03**	**1.13**	**1.02**	**1.11**
Thorium-232	pCi/g	2.23	**1.53**	**1.77**	**1.84**	**1.73**	**1.46**	**1.98**	**1.63**	**1.72**	**1.34**	**1.45**	**1.89**	**1.73**
Uranium-233/234	pCi/g	2.84	**0.870**	**1.48**	**1.19**	**0.924**	**0.881**	**1.34**	**0.978**	**0.864**	**0.907**	**0.814**	**1.14**	**1.33**
Uranium-235/236	pCi/g	0.210	**0.0739**	**0.0565**	**0.0431**	**0.123**	**0.0584**	**0.0998**	**0.0476 U**	**0.0536 U**	**0.0691**	**0.0882**	**0.0409**	**0.0416**
Uranium-238	pCi/g	2.37	**0.799**	**1.29**	**1.06**	**1.09**	**0.994**	**1.24**	**1.06**	**0.934**	**0.818**	**0.869**	**1.10**	**1.02**

Notes:
Bold value indicates analyte was detected above the MDL
pCi/g - picocurie per gram
U - Result is less than the sample detection limit

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																												
		U4U5-1			U4U5-2			U4U5-3			U4U5-4			U4U5-5						U4U5-6			U4U5-7			U4U5-8		
		45'	70'	90'	50'	70'	90'	50'	70'	90'	50'	70'	90'	42'	66'	90'	110'	130'	150'	42'	66'	90'	45'	67.5'	90'	45'	67.5'	90'
Perchlorate	0.015	4.3	1.3F1	1.5	140	69	1,300	65	72	470	1.3	3.5	11	100	140	370	230	110	1.7	270	740	940	390	630	1,600	180	400	1,400
Hexavalent chromium	0.000134	0.013	0.001J H	0.074H	7.9	2.5H	39H	0.20	0.38	1.9H	0.028	0.088	0.47	4.8	4.4	17	11	6.1	0.060	3.5	10	27	7.3	9.4	50	5.6	8.8	49
Chromium	--	0.078	0.27	0.34	8.9	2.7B	39	0.20	0.56	2.0	0.075	0.20	0.46	4.4	3.8	18	12	5.7	0.17	3.0	9.7	22	7.4	9.5	51	5.4	7.8B	49
Total Dissolved Solids	--	3,600	2,400	2,100	6,500	4,300	20,000	2,600	2,100	3,000	2,300	1,900	1,400	5,000	5,700	9,800	9,400	3,600	760	6,300	9,800	13,000	7,200	7,700	22,000	5,500	6,500	22,000
VOCs																														
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,1,1-Trichloroethane	9.02	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,1,2-Trichloroethane	0.00027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,1-Dichloroethane	0.0027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,1-Dichloroethene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,1-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,2,3-Trichlorobenzene	0.0267	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
1,2,3-Trichloropropane	0.00000224	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
1,2,4-Trichlorobenzene	0.00232	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
1,2,4-Trimethylbenzene	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0005)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.020)	ND(0.0020)	ND(0.0025)	ND(0.020)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,2-Dichlorobenzene	0.366	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,2-Dichloroethane	0.000167	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,2-Dichloropropane	0.000432	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,3,5-Trimethylbenzene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,3-Dichlorobenzene	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,3-Dichloropropane	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
1,4-Dichlorobenzene	0.0125	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
2,2-Dichloropropane	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
2-Butanone (MEK)	6.86	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	**0.0033J**	ND(0.0050)	ND(0.013)	ND(0.025)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.010)	ND(0.013)	ND(0.10)
2-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
2-Hexanone	0.0455	ND(0.0025)	ND(0.0025) F1	ND(0.0025)	ND(0.0025) F1	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.013)	ND(0.025)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.010)	ND(0.013)	ND(0.10)
4-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.0025) F1	ND(0.0025) F1	ND(0.0025)	ND(0.0025) F1	ND(0.0025) *	**0.0036J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.013)	ND(0.025)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.010)	ND(0.013)	ND(0.10)
Acetone	20.5	**0.011J**	**0.015J**	ND(0.010)	ND(0.010)	**0.013J**	**0.049**	ND(0.010)	**0.011J**	ND(0.010)	ND(0.010)	**0.011J**	ND(0.010)	**0.035**	**0.016J**	**0.029**	ND(0.040)	**0.013J**	**0.012J**	ND(0.020)	ND(0.050)	ND(0.10)	ND(0.050)	ND(0.050)	ND(0.40)	ND(0.040)	ND(0.050)	ND(0.40)
Benzene	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Bromobenzene	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Bromochloromethane	0.0834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Bromodichloromethane	0.000133	ND(0.00025)	ND(0.00025)	**0.00026J**	**0.00041J**	**0.00028J**	**0.0039**	**0.00027J**	ND(0.00025)	**0.00055**	ND(0.00025)	**0.00028J**	**0.00032J**	ND(0.00025)	**0.00028J**	**0.00084**	ND(0.0010)	**0.00038J**	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Bromoform	0.00319	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.0024**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.00060J**	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
Bromomethane	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Carbon tetrachloride	0.000474	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0015**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00054**	ND(0.0010)	**0.00056**	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Chlorate	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3,200**	**5,600**	**1,800**	**2,300**	**10000**	**1,300**	**1,800**	**10,000**
Chlorobenzene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Chloroethane	20.9	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
Chloroform	0.000219	**0.0099**	**0.0030**	**0.0064**	**0.110**	**0.062**	**3.7**	**0.012**	**0.021**	**0.099**	**0.0028**	**0.0066**	**0.020**	**0.120**	**0.190**	**0.690**	**0.440**	**0.140**	**0.0031**	**0.190**	**0.480**	**0.770**	**0.660**	**0.550**	**3.600**	**0.330**	**0.490**	**3.600**
Chloromethane	0.188	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	**0.0089**	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
cis-1,2-Dichloroethene	0.0667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
cis-1,3-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Dibromochloromethane	0.0008	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0017**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00039J**	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Dibromomethane	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Dichlorodifluoromethane	0.202	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
Ethylbenzene	0.00611	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Ethyl-t-butyl ether (ETBE)	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Hexachlorobutadiene	0.000197	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Isopropyl Ether (DIPE)	1.46	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Isopropylbenzene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
m,p-Xylene	0.202[b]	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0005)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.020)	ND(0.0020)	ND(0.0025)	ND(0.020)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.0010J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.0013J**	**0.0014J**	ND(0.0035)	ND(0.00088)	ND(0.00088)	ND(0.0018)	ND(0.0044)	ND(0.0088)	ND(0.0044)	ND(0.0044)	ND(0.035)	**0.0043J**	ND(0.0044)	ND(0.035)
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Naphthalene	0.000165	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.00070J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
n-Butylbenzene	1.67	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)
N-Propylbenzene	1.28	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
Nitrate as N	53.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**11H**	**15H**	**8.1**	**7.5**	**31F1**	**10**	**6.0**	**39**
o-Xylene	0.202	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
p-Isopropyltoluene	0.834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)
sec-Butylbenzene	3.34	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																														
		U4U5-9						U4U5-10			U4U5-11			U4U5-12			U4U5-13			U4U5-14			U4U5-15			U4U5-16					
		46'	68'	90'	110'	130'	150'	43'	66.5'	90'	43'	66.5'	90'	50'	70'	90'	50'	70'	90'	50'	70'	90'	50'	70'	90'	46'	68'	90'	110'	130'	150'
Perchlorate	0.015	**110**	**150**	**490**	**400**	**2.1**	**0.30**	**570**	**180**	**250**	**360**	**350**	**2,200**	**210**	**300**	**5,200**	**47**	**77**	**920**	**49**	**85**	**710**	**87**	**100**	**530**	**100**	**28**	**26**	**540**	**15**	**0.510**
Hexavalent chromium	0.000134	**4.4**	**4.5**	**15**	**7.7H**	**0.021**	**0.025**	**4.2**	**2.6**	ND(0.00025)	**0.75**	**1.4**	**6.5**	**0.44**	**0.66**	**36**	**0.30**	**0.80**	**17**	**1.2**	**3.2**	**10**	**1.8**	**4.7**	**15**	**0.98**	**1.8**	**2.0**	**28**	**0.035**	**0.017**
Chromium	--	**4.8**	**4.1**	**17**	**6.3**	**0.18**	**0.22**	**4.0**	**2.6**	**1.4**	**0.79**	**1.4**	**1.6**	**0.48**	**0.96**	**33**	**0.48**	**1.1**	**16**	**1.5**	**3.9**	**9.5**	**2.5B**	**4.8B**	**20**	**1.8**	**2.7**	**1.9**	**26**	**0.14**	**0.095**
Total Dissolved Solids	--	**4,800**	**4,400**	**7,800**	**5,100**	**740**	**630**	**5,300**	**3,900**	**4,700**	**4,300**	**3,500**	**7,600**	**3,300**	**3,700**	**28,000**	**3,500**	**3,400**	**9,300**	**3,400**	**4,000**	**10,000**	**4,600**	**4,200**	**11,000**	**3,200**	**2,800**	**2,200**	**13,000**	**890**	**1,800**
VOCs																																
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	9.02	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	0.00027	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	0.0027	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	0.334	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	--	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	0.0267	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	0.00000224	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	0.00232	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	0.0146	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.010)	ND(0.00050)	ND(0.0010)	ND(0.0050)	ND(0.00050)	ND(0.0013)	ND(0.0013)	ND(0.0050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	0.366	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	0.000167	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	0.000432	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	0.334	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	0.0807	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	0.667	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	0.0125	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	--	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	6.86	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.013)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.0025)	**0.0057**	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	**0.011**	ND(0.0050)	ND(0.013)	ND(0.050)	ND(0.0025)	ND(0.0050)	ND(0.025)	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	**0.0054**
2-Chlorotoluene	0.667	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
2-Hexanone	0.0455	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.013)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	**0.0062**	ND(0.0050)	ND(0.013)	ND(0.050)	ND(0.0025)	ND(0.0050)	ND(0.025)	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	**0.0042J**
4-Chlorotoluene	0.667	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.013)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.013)	ND(0.050)	ND(0.0025)	ND(0.0050)	ND(0.025)	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	**0.0035J**
Acetone	20.5	ND(0.010)	ND(0.025)	ND(0.10)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.020)	ND(0.010)	**0.034**	ND(0.010)	ND(0.010)	ND(0.040)	ND(0.010)	ND(0.010)	ND(0.10)	**0.029**	ND(0.010)	**0.045**	ND(0.020)	ND(0.050)	ND(0.20)	ND(0.010)	**0.026J**	ND(0.10)	**0.015J**	ND(0.025)	**0.055**	ND(0.10)	**0.026**	**0.092F1**
Benzene	0.005	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Bromobenzene	0.0852	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	0.0834	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	0.000133	**0.00057**	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	**0.00027J**	ND(0.00025)	**0.00042J**	**0.00034J**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Bromoform	0.00319	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	**0.00094J**	ND(0.00080)	ND(0.0040)	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)
Bromomethane	0.00853	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	0.000474	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Chlorate	1	**880**	**870**	**3,000**	**2,200**	**7.5**	**1.0**	**1,100**	**570**	**600**	**440**	**430**	**4,400**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	0.667	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Chloroethane	20.9	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)
Chloroform	0.000219	**0.270**	**0.270**	**1.200**	**0.400**	**0.00026J**	ND(0.00025)	**0.140**	**0.100**	**0.099**	**0.059**	**0.059**	**0.390**	**0.018**	**0.026**	**0.990**	**0.070**	**0.086**	**0.16**	**0.11**	**0.21**	**0.78**	**0.14**	**0.24**	**0.53**	**0.093**	**0.220**	**0.120**	**0.740F1**	**0.0084**	ND(0.00025)
Chloromethane	0.188	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0019**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	**0.00081**	ND(0.00025)	**0.00074**	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	0.0667	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	--	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	0.0008	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Dibromomethane	--	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	0.202	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	0.00611	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	--	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	0.000197	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	1.46	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	--	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	0.202[b]	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.010)	ND(0.00050)	ND(0.0010)	ND(0.0050)	ND(0.00050)	ND(0.0013)	ND(0.0013)	ND(0.0050)	ND(0.00050)	ND(0.00050)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.00088)	ND(0.0022)	ND(0.0088)	ND(0.0044)	ND(0.00088)	ND(0.00088)	ND(0.0018)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0035)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0018)	ND(0.0044)	**0.033J**	ND(0.00088)	ND(0.0018)	ND(0.0088)	ND(0.00088)	**0.0039J**	**0.0041J**	ND(0.0088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	**0.00075**	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																														
		U4U5-17			U4U5-18			U4U5-19			U4U5-20			U4U5-21			U4U5-22			U4U5-23			U4U5-24			U4U5-25			U4U5-26[c]		
		60'	75'	90'	50'	70'	90'	50'	70'	90'	42.5'	66.5'	90'	34'	58'	82'	34'	58'	82'	33'	57.5'	82'	35'	58.5'	82'	45'	67.5'	90'	50'	70'	90'
Perchlorate	0.015	**14**	**25**	**23**	**38**	**45**	**120**	**780**	**310**	**200**	**71**	**190**	**320**	**150**	**24**	**550**	**150**	**29**	**3300**	**42**	**17**	**2500**	**170**	**30**	**130**	**230**	**22**	**1,500**	**250**	**17**	**13**
Hexavalent chromium	0.000134	**0.84**	**2.4**	**0.96**	**0.65**	**0.16**	**9.8**	**0.64B**	**0.72**	**10**	**42**	**5.1**	**8.1**	**5.7**	**1.0**	**12**	**7.3**	**0.34H**	**110**	**2.2**	**0.34**	**62**	**4.8**	**0.51**	**0.18**	**0.61H**	**0.21**	**0.0082**	**0.24**	**0.18**	**1.3**
Chromium	--	**0.92**	**2.4**	**1.9B**	**0.80**	**0.62**	**11**	**0.91**	**1.1**	**10**	**38**	**4.3**	**9.4**	**12**	**1.0**	**12**	**7.1**	**0.31**	**110**	**2.2**	**0.34**	**59**	**5.2**	**0.57**	**1.0**	**0.94**	**0.32**	**0.69**	**0.31**	**0.21**	**1.5**
Total Dissolved Solids	--	**430**	**3,500**	**2,300**	**3,100**	**4,000**	**5,600**	**5,100**	**3,400**	**5,800**	**24,000**	**5,600**	**6,400**	**7,800**	**3,000**	**17,000**	**7,200**	**4,700**	**48,000**	**4,400**	**4,700**	**26,000**	**4,400**	**2,300**	**3,100**	**3,600**	**2,100**	**7,100**	**2,700**	**1,700**	**2,100**
VOCs																																
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	9.02	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	0.00027	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	0.0027	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	0.334	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	--	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	0.0267	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	0.00000224	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	0.00232	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	0.0146	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0050)	ND(0.00050)	ND(0.0010)	ND(0.013)	ND(0.0013)	ND(0.0025)	ND(0.0050)	ND(0.00050)	ND(0.0050)	ND(0.0010)	ND(0.00050)	ND(0.025)	ND(0.0013)	ND(0.00050)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.0020)	NA	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	0.366	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	0.000167	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	0.000432	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	0.334	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	0.0807	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	0.667	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	0.0125	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	--	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	6.86	ND(0.013)	ND(0.0063)	ND(0.0025)	ND(0.0025)	**0.0032J**	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)	ND(0.0050)	ND(0.063)	ND(0.0063)	ND(0.013)	ND(0.025)	ND(0.0025)	ND(0.025)	ND(0.0050)	ND(0.0025)	ND(0.13)	ND(0.0063)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	NA	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	0.667	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
2-Hexanone	0.0455	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)	ND(0.0050)	ND(0.063)	ND(0.0063)	ND(0.013)	ND(0.025)	ND(0.0025)	ND(0.025)	ND(0.0050)	ND(0.0025)	ND(0.13)	ND(0.0063)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	NA	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	0.667	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.013)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)	ND(0.0050)	ND(0.063)	ND(0.0063)	ND(0.013)	ND(0.025)	ND(0.0025)	ND(0.025)	ND(0.0050)	ND(0.0025)	ND(0.13)	ND(0.0063)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	NA	ND(0.0025)	ND(0.0025)
Acetone	20.5	ND(0.010)	ND(0.025)	**0.018J**	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.10)	ND(0.010)	ND(0.020)	ND(0.25)	ND(0.025)	ND(0.050)	ND(0.10)	**0.014J**	ND(0.10)	ND(0.020)	**0.020**	ND(0.5)	ND(0.025)	**0.018J**	**0.036J**	ND(0.010)	**0.012J**	ND(0.040)	NA	**0.020**	ND(0.010)
Benzene	0.005	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Bromobenzene	0.0852	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Bromochloromethane	0.0834	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Bromodichloromethane	0.000133	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	**0.00057**	**0.00055J**	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	**0.010**	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	**0.00039J**	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Bromoform	0.00319	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	**0.0068J**	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
Bromomethane	0.00853	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	0.000474	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	**0.0045J**	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	**0.00027J**
Chlorate	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	0.667	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Chloroethane	20.9	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
Chloroform	0.000219	**0.13**	**0.23**	**0.12**	**0.051**	**0.093**	**0.56**	**0.096**	**0.054**	**0.45**	**0.51**	**0.069**	**0.23**	**0.97**	**0.11**	**0.45**	**0.88**	**0.12**	**7.8**	**0.30**	**0.088**	**4.4**	**0.20**	**0.035**	**0.081**	**0.027**	**0.012**	**0.130**	NA	**0.012**	**0.076**
Chloromethane	0.188	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	**0.012J**	ND(0.00063)	**0.0051**	**0.0063**	**0.0095**	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	0.0667	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	--	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Dibromochloromethane	0.0008	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	**0.0036J**	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Dibromomethane	--	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	0.202	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
Ethylbenzene	0.00611	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	--	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	0.000197	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	1.46	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Isopropylbenzene	--	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
m,p-Xylene	0.202[b]	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0050)	ND(0.00050)	ND(0.0010)	ND(0.013)	ND(0.0013)	ND(0.0025)	ND(0.0050)	ND(0.00050)	ND(0.0050)	ND(0.0010)	ND(0.00050)	ND(0.025)	ND(0.0013)	ND(0.00050)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.0020)	NA	ND(0.00050)	ND(0.00050)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.00088)	ND(0.0022)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.0088)	ND(0.00088)	ND(0.0018)	ND(0.022)	ND(0.0022)	ND(0.0044)	**0.0088J**	ND(0.00088)	ND(0.0088)	ND(0.0018)	ND(0.00088)	ND(0.044)	ND(0.0022)	ND(0.00088)	ND(0.0018)	ND(0.00088)	ND(0.00088)	ND(0.0035)	NA	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)
Naphthalene	0.000165	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	**0.00044J**	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	**0.0041J**	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)
n-Butylbenzene	1.67	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																																	
		U4U5-27						U4U5-28						U4U5-29			U4U5-30			U4U5-31						U4U5-32			U4U5-33						
		40'	65'	90'	110'	130'	150'	40'	52.5'	65'	77.5'	90'	32.5'	57'	82'	34'	58'	82'	31'	57.5'	82'	102'	122'	142'	33'	57.5'	82'	40'	52.5'	65'	77.5'	90'
Perchlorate	0.015	150	8.8	830	2800	84	1.4	190	81	41	18	18	64	10	92	88	100	250	110	9.5	57	5,400	2,500	570	380	36	3300	720	6.3	10	33	1,800
Hexavalent chromium	0.000134	5.7	0.084H	27	86	0.50	0.042F1	9.2	2.0	0.29	0.91	0.012	2.6	0.015	18H	10	5.6H F1	3.1F1	2.7	0.12	1.4	90	5.4	0.0025	5.1	0.17	32	1.6	0.072	0.087F1	0.22	0.49
Chromium	--	5.8	0.11	25	72	0.63	0.14	10	1.9	2.0	1.1	1.2	1.9	0.019	5.5	11	7.5	3.5	3.1	1.6	2.8	89	5.8	2.3	5.7	0.20	34	1.7	0.093	0.19	0.36	5.40
Total Dissolved Solids	--	6,700	3,700	14,000	39,000	4,000	1,100	7,400	4,200	3,800	2,400	4,400	4,400	5,300	5,400	6,300	7,000	7,100	7,000	3,400	3400	43,000	21,000	6,400	6,300	3,400	17,000	6,800	2,100	2,000	1,900	5,800
VOCs																																			
1,1,1,2-Tetrachloroethane	0.000587	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,1,1-Trichloroethane	9.02	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,1,2-Trichloroethane	0.00027	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,1-Dichloroethane	0.0027	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,1-Dichloroethene	0.334	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,1-Dichloropropene	--	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,2,3-Trichlorobenzene	0.0267	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.010)	ND(0.00040	ND(0.00040	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.0020)	ND(0.00040	ND(0.0040)	ND(0.00040	ND(0.0020)	ND(0.0020)	ND(0.00040	ND(0.0020)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.020)	ND(0.0040)	ND(0.00080	ND(0.00080	ND(0.00040	ND(0.00040	ND(0.0016)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0040)
1,2,3-Trichloropropane	0.00000224	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.010)	ND(0.00040	ND(0.00040	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.0020)	ND(0.00040	ND(0.0040)	ND(0.00040	ND(0.0020)	ND(0.0020)	ND(0.00040	ND(0.0020)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.020)	ND(0.0040)	ND(0.00080	ND(0.00080	ND(0.00040	ND(0.00040	ND(0.0016)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0040)
1,2,4-Trichlorobenzene	0.00232	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.010)	ND(0.00040	ND(0.00040	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.0020)	ND(0.00040	ND(0.0040)	ND(0.00040	ND(0.0020)	ND(0.0020)	ND(0.00040	ND(0.0020)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.020)	ND(0.0040)	ND(0.00080	ND(0.00080	ND(0.00040	ND(0.00040	ND(0.0016)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0040)
1,2,4-Trimethylbenzene	0.0146	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	**0.00049J**	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.0025)	ND(0.00050	ND(0.010)	ND(0.013)*	ND(0.00050	ND(0.00050	ND(0.0025)	ND(0.00050	ND(0.010)	ND(0.0025)	ND(0.00050	ND(0.0050)	ND(0.00050	ND(0.0025)	ND(0.0025)	ND(0.00050	ND(0.0025)	ND(0.0050)	ND(0.00050	ND(0.00050	ND(0.025)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.00050	ND(0.00050	ND(0.0020)	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.0050)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,2-Dichlorobenzene	0.366	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,2-Dichloroethane	0.000167	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,2-Dichloropropane	0.000432	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,3,5-Trimethylbenzene	0.334	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,3-Dichlorobenzene	0.0807	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,3-Dichloropropane	0.667	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
1,4-Dichlorobenzene	0.0125	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
2,2-Dichloropropane	--	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.010)	ND(0.00040	ND(0.00040	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.0020)	ND(0.00040	ND(0.0040)	ND(0.00040	ND(0.0020)	ND(0.0020)	ND(0.00040	ND(0.0020)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.020)	ND(0.0040)	ND(0.00080	ND(0.00080	ND(0.00040	ND(0.00040	ND(0.0016)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0040)
2-Butanone (MEK)	6.86	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.013)	**0.014**	ND(0.025)	ND(0.0025)	ND(0.013)	ND(0.013)	ND(0.0025)	ND(0.013)	ND(0.025)	ND(0.0025)	**0.0027J**	ND(0.13)	ND(0.025)	ND(0.005)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)
2-Chlorotoluene	0.667	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
2-Hexanone	0.0455	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.013)*	ND(0.0025)	ND(0.050)	ND(0.013)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.013)	ND(0.013)	ND(0.0025)	ND(0.013)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.13)	ND(0.025)	ND(0.005)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)
4-Chlorotoluene	0.667	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.013)*	ND(0.0025)	ND(0.050)	ND(0.013)	**0.0051**	ND(0.025)	ND(0.0025)	ND(0.013)	ND(0.013)	ND(0.0025)	ND(0.013)	ND(0.025)	ND(0.0025)	**0.0029J**	ND(0.13)	ND(0.025)	**0.0062J**	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)
Acetone	20.5	ND(0.050)	ND(0.010)	ND(0.20)	ND(0.25)	**0.023**	**0.019J**	ND(0.050)	ND(0.010)	**0.20J**	**0.15**	**0.130**	ND(0.10)	**0.017J**	ND(0.050)	ND(0.050)	ND(0.010)	ND(0.050)	ND(0.10)	**0.020**	**0.057**	ND(0.5)	**0.120J**	**0.250**	ND(0.020)	ND(0.010)	ND(0.010)	ND(0.040)	ND(0.010)	**0.031**	**0.045**	ND(0.10)
Benzene	0.005	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	**0.0028**	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	**0.00032J**	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Bromobenzene	0.0852	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Bromochloromethane	0.0834	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Bromodichloromethane	0.000133	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	**0.00037J**	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	**0.00056**	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	**0.00046J**	ND(0.0010)	**0.00030J**	ND(0.00025	ND(0.00025	ND(0.0025)
Bromoform	0.00319	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.010)	ND(0.00040	ND(0.00040	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.0020)	ND(0.00040	ND(0.0040)	ND(0.00040	ND(0.0020)	ND(0.0020)	ND(0.00040	ND(0.0020)	ND(0.0040)	ND(0.00040	**0.00080J**	ND(0.020)	ND(0.0040)	ND(0.00080	ND(0.00080	ND(0.00040	ND(0.00040	ND(0.0016)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0040)
Bromomethane	0.00853	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Carbon tetrachloride	0.000474	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Chlorate	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	0.667	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Chloroethane	20.9	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.010)	ND(0.00040	ND(0.00040	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.0020)	ND(0.00040	ND(0.0040)	ND(0.00040	ND(0.0020)	ND(0.0020)	ND(0.00040	ND(0.0020)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.020)	ND(0.0040)	ND(0.00080	ND(0.00080	ND(0.00040	ND(0.00040	ND(0.0016)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0040)
Chloroform	0.000219	**0.290**	**0.037**	**1.300**	**2.600**	**0.0086**	**0.00035J**	**0.250**	**0.027**	**0.023**	**0.018**	**0.075**	**1.6**	**0.17**	**0.55**	**0.33**	**0.079**	**0.49**	**0.760**	**0.034**	**0.170**	**4.0**	**0.76**	**0.180**	**0.21**	**0.036**	**0.28**	**0.190**	**0.0045**	**0.0054**	**0.0083**	**0.540**
Chloromethane	0.188	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	**0.00056**	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
cis-1,2-Dichloroethene	0.0667	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
cis-1,3-Dichloropropene	--	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Dibromochloromethane	0.0008	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Dibromomethane	--	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Dichlorodifluoromethane	0.202	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.010)	ND(0.00040	ND(0.00040	ND(0.0020)	ND(0.00040	ND(0.0080)	ND(0.0020)	ND(0.00040	ND(0.0040)	ND(0.00040	ND(0.0020)	ND(0.0020)	ND(0.00040	ND(0.0020)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.020)	ND(0.0040)	ND(0.00080	ND(0.00080	ND(0.00040	ND(0.00040	ND(0.0016)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0040)
Ethylbenzene	0.00611	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Ethyl-t-butyl ether (ETBE)	--	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Hexachlorobutadiene	0.000197	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Isopropyl Ether (DIPE)	1.46	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
Isopropylbenzene	--	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0063)	ND(0.00025	ND(0.00025	ND(0.0013)	ND(0.00025	ND(0.0050)	ND(0.0013)	ND(0.00025	ND(0.0025)	ND(0.00025	ND(0.0013)	ND(0.0013)	ND(0.00025	ND(0.0013)	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.013)	ND(0.0025)	ND(0.00050	ND(0.00050	ND(0.00025	ND(0.00025	ND(0.0010)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.0025)
m,p-Xylene	0.202[b]	ND(0.0025)	ND(0.00050	ND(0.010)	ND(0.013)	ND(0.00050	ND(0.00050	ND(0.0025)	ND(0.00050	ND(0.010)	ND(0.0025)	ND(0.00050	ND(0.0050)	ND(0.00050	ND(0.0025)	ND(0.0025)	ND(0.00050	ND(0.0025)	ND(0.0050)	ND(0.00050	ND(0.00050	ND(0.025)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.00050	ND(0.00050	ND(0.0020)	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.0050)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.0044)	ND(0.00088	ND(0.018)	ND(0.022)	ND(0.00088	ND(0.00088	ND(0.0044)	ND(0.00088	ND(0.018)	ND(0.0044)	ND(0.00088	ND(0.0088)	ND(0.00088	ND(0.0044)	ND(0.0044)	ND

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																														
		U4U5-34						U4U5-35			U4U5-36			U4U5-37			U4U5-38			U4U5-39			U4U5-40			U4U5-41			U4U5-42		
		45'	67.5'	90'	110'	130'	150'	45'	70'	90'	40'	65'	90'	42.5'	66'	90'	34'	58'	82'	33'	57.5'	82'	35'	58.5'	82'	32'	57'	82'	40'	65'	90'
Perchlorate	0.015	**270**	**550**	**230**	**390**	**5.1**	**0.061**	**390**	**8.0**	**16**	**44**	**17**	**81**	**260**	**9.7**	**49**	**51**	**2.9**	**350**	**41**	**4.8**	**240**	**34**	**5.1**	**1.300**	**790**	**1.00E+02**	**120**	**550**	**4.8**	**990**
Hexavalent chromium	0.000134	**0.18**	**0.13H**	**0.044**	**0.43**	**0.041**	**0.038**	**0.032**	**0.35**	**0.85**	**1.2**	**0.075**	**0.075**	**2.3**	**0.41**	**0.13H**	**1.1**	**0.22**	**19**	**1.0**	**0.15**	**14**	**1.1**	**0.24**	**14**	**7.9**	**0.16F1**	**0.065**	**0.097**	**0.093**	**0.45**
Chromium	--	**0.23**	0.26	0.046	0.51	0.087	0.045	0.52	0.23	0.79	1.1	0.35	1.6	2.3	0.49	0.22	1.1F1	0.34	17	1.6	0.59	14	1.6	0.30	16	8.8	0.27F1	0.47	0.20	0.15	1.1
Total Dissolved Solids	--	**3,300**	**3,900**	**3,000**	**2,300**	**1,300**	**800**	**4,600**	**1,600**	**2,000**	**4,800**	**3,300**	**5,900**	**6,700**	**2,300**	**3,000**	**3,200**	**2,400**	**10,000**	**3,800**	**2,900**	**8,200**	**3,100**	**3,200**	**9,800**	**8,100**	**2,400**	**3,400**	**5,800**	**2,000**	**6,900**
VOCs																																
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	9.02	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	0.00027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	0.0027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	0.0267	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	0.00000224	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	0.00232	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	**0.00027J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.010)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	0.366	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	0.000167	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	0.000432	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	0.0125	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	6.86	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0033J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0025J**	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0063)	ND(0.0025)	**0.0075**	**0.0044J**	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	0.0455	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	**0.0025J**	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0063)	ND(0.0025)	**0.003J**	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	20.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.049**	ND(0.010)	**0.047**	**0.020**	**0.017J**	ND(0.040)	ND(0.01)	**0.018J**	**0.012J**	**0.04**	**0.023**	ND(0.10)	**0.035**	ND(0.25)	ND(0.025)	ND(0.010)	ND(0.20)	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.025)	ND(0.010)	**0.035**	ND(0.010)	**0.012J**	**0.056**
Benzene	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	0.0834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	0.000133	**0.00027J**	**0.00028J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	**0.00030J**	ND(0.00025)	**0.00065**	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	**0.00030J**	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	**0.00042J**	**0.00028J**	ND(0.00025)
Bromoform	0.00319	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	**0.0017**	ND(0.00040)	ND(0.00040)
Bromomethane	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	0.000474	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	20.9	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	0.000219	**0.0083**	**0.011**	**0.017**	**0.012**	ND(0.00025)	ND(0.00025)	**0.015**	**0.0082**	**0.052**	**0.320**	**0.042**	**0.130**	**0.082**	**0.018**	**0.074**	**0.56**	**0.079**	**1.8**	**0.30**	**0.047**	**1.2**	**0.13**	**0.0088**	**0.61**	**0.37**	**0.011**	**0.04**	**0.056**	**0.011**	**0.064**
Chloromethane	0.188	**0.016**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.025**	ND(0.00025)	**0.0022**	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00029J**	ND(0.00025)
cis-1,2-Dichloroethene	0.0667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	0.0008	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	0.202	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	0.00611	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	0.000197	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	1.46	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	0.202[b]	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.010)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	**0.00098J**	**0.00097J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0035)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.022)	**0.0035J**	ND(0.00088)	ND(0.018)	ND(0.00088)	**0.0015J**	ND(0.0088)	ND(0.0022)	ND(0.00088)	**0.0011J**	ND(0.00088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																																	
		U4U5-43			U4U5-44			U4U5-45			U4U5-46			U4U5-47			U4U5-48			U4U5-49			U4U5-50			U4U5-51			U4U5-52		
		40'	65'	90'	50'	70'	90'	35'	60'	82'	35'	58.5'	82'	35'	58.5'	82'	45'	70'	90'	45'	67.5'	90'	45'	60'	90'	51'	67'	87.5'	50'	70'	90'
Perchlorate	0.015	**80**	**2.7**	**110**	**8.5**	**5.0**	**3.3**	**120**	**4.6**	**340**	**69**	**7.1**	**24**	**190**	**15**	**38**	**10**	**1.9**	**47**	**1.1**	**1.5**	**15**	**2.0**	**5.1**	**9.7**	**74**	**2.7**	**13**	**4.7**	**1.2**	**41**
Hexavalent chromium	0.000134	**0.14**	**0.077**	ND(0.00025)	**0.074**	ND(0.00025)	ND(0.00025)	**1.5**	**0.16**	**15**	**1.1**	**0.0023**	ND(0.00025)	**2.1**	**0.19**	ND(0.00025)	**0.035H**	**0.059H**	**0.83**	**0.010**	**0.11**	**0.40**	**0.0028H**	**0.068H**	**0.00096J**	**0.0071**	**0.021**	**0.021**	**0.24**	**0.097**	**0.65**
Chromium	--	**0.59**	**0.13**	**1.4**	**0.28**	**0.18**	**0.055**	**2.2**	**0.29F1**	**15**	**1.1**	**0.19**	**2.4**	**2.0**	**0.50**	**0.37**	**0.26**	**0.12**	**2.8**	**0.013**	**0.13**	**0.35**	**0.61**	**0.20**	**0.11**	**0.012**	**0.086**	**0.073**	**0.26B**	**0.19**	**1.1B**
Total Dissolved Solids	--	**4,300**	**2,100**	**3,900**	**3,000**	**3,300**	**2,400**	**4000**	**2,300**	**11,000**	**3,600**	**2,300**	**3,300**	**5,200**	**2,400**	**4,800**	**5,300**	**2,500**	**2,900**	**3,000**	**2,100**	**2,400**	**4,100**	**2,600**	**2,100**	**2,200**	**1,400**	**2,100**			
VOCs																																			
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	9.02	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	0.00027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	0.0027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0011J**	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	0.0267	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	0.00000224	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,4-Trichlorobenzene	0.00232	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	0.366	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	0.000167	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	0.000432	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	0.0125	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	6.86	ND(0.0025)	ND(0.0025)	**0.011**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0050)	ND(0.0025)	**0.0076**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0042J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0029J**	ND(0.0025)	**0.0028J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	0.0455	ND(0.0025)	ND(0.0025)	**0.0043J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0050)	ND(0.0025)	**0.0025J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.0025)	ND(0.0025)	**0.0048J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	20.5	ND(0.010)	ND(0.010)	**0.130**	**0.010J**	ND(0.010)F1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.040)	ND(0.020)	ND(0.010)	**0.044**	**0.011J**	**0.015J**	**0.034**	ND(0.010)	**0.012J**	ND(0.010)	**0.022**	ND(0.010)F	ND(0.010)	ND(0.010)	**0.012J**	**0.016J**	ND(0.010)	ND(0.010)	ND(0.010)	**0.016J**	ND(0.010)	ND(0.010)
Benzene	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	0.0834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	0.000133	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00027J**	**0.00025J**	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	**0.00034J**	ND(0.00025)	ND(0.00025)	**0.00028J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00026J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromoform	0.00319	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Bromomethane	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	0.000474	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	20.9	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	0.000219	**0.014**	**0.0050**	**0.0064**	**0.0081**	**0.0062**	**0.0059**	**0.043**	**0.01**	**0.38**	**0.13**	**0.023**	**0.057**	**0.11**	**0.017**	**0.07**	**0.008**	**0.003**	**0.11**	**0.0016**	**0.0025**	**0.047**	**0.0018**	**0.012**	**0.0095**	**0.0019**	**0.0021**	**0.015**	**0.015**	**0.0051**	**0.051**
Chloromethane	0.188	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0024**	**0.0019**	**0.00037J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00028J**	**0.00083**	ND(0.00025)	**0.0038**	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	0.0667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0011J**	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	0.0008	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	0.202	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethylbenzene	0.00611	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	0.000197	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	1.46	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	0.202[b]	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.00088J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0035)	ND(0.0018)	ND(0.00088)	ND(0.00088)	**0.0014J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																														
		U4U5-53			U4U5-54			U4U5-55			U4U5-56			U4U5-57			U4U5-58			U4U5-59			U4U5-60			U4U5-61			U4U5-62		
		50'	70'	90'	46.5'	70'	90'	35'	58.5'	82'	35'	58'	82'	35'	58.5	82'	35'	58.5'	82'	35'	58'	82'	35'	58.5'	82'	34'	58'	82'	35'	58.5'	82'
Perchlorate	0.015	**8.9**	**3.7**	**37**	**12**	**4.9**	**1.4**	**3.9**	**4.9**	**24**	**28**	**2.3**	**450**	**87**	**6.1**	**62**	**35**	**41**	**92**	**7.9**	**6.4**	**89**	**350**	**9.7**	**240**	**260**	**8.4**	**38**	**94**	**6.4**	**260**
Hexavalent chromium	0.000134	**0.25**	**0.16H**	**4.0**	**0.081**	**0.15**	**0.11**	**1.2**	**0.056**	NA	**0.38H**	**0.12**	**24**	**0.84**	**0.20**	**0.83**	**0.35**	**0.063**	**0.00028J**	**0.34**	**0.13**	**0.0030**	**2.4**	**0.30**	**0.73**	**2.7**	**0.24**	**0.00081J**	**0.92**	**0.051**	**0.61**
Chromium	--	**0.36**	0.41	4.8	0.12	0.33	0.15	1.2	0.62	3.1	0.52	0.28	23	1.0	0.30	1.9	0.43	1.1	0.10	0.50	0.33	0.13	2.4	0.45	0.79	3.1	0.30	1.7	0.87	0.30	1.3
Total Dissolved Solids	--	**2,300**	**1,800**	**3,800**	**3,100**	**1,700**	**1,500**	**3,900**	**2,400**	**3,500**	**3,700**	**2,200**	**14,000**	**3,800**	**2,400**	**4,700**	**3,500**	**2,700**	**2,800**	**3,800**	**2,100**	**3,200**	**4,800**	**2300**	**3,100**	**4,800**	**2,100**	**3,000**	**3,700**	**2,200**	**4,000**
VOCs																																
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	9.02	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	0.00027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	0.0027	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	0.0267	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	0.00000224	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	0.00232	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	0.366	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	0.000167	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	0.000432	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	0.0125	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	6.86	ND(0.0025)	**0.0055**	ND(0.0025)	ND(0.0025)	**0.0040J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0031J**	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	**0.0051**	ND(0.0025)	ND(0.0025)	**0.0075**	ND(0.0025)	ND(0.0025)	**0.0033J**	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0026J**	**0.011**	ND(0.0025)	**0.0041J**	**0.0052**
2-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	0.0455	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0037J**	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.011**	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	20.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.017J**	**0.021**	ND(0.010)	ND(0.010)	ND(0.25)	ND(0.010)	**0.016J**	**0.042**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.011J**	ND(0.010)	ND(0.025)	ND(0.010)	**0.037**	**0.014J**	**0.036**	**0.200**	ND(0.010)	ND(0.010)F	**0.036**
Benzene	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	0.0834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	0.000133	**0.00058**	**0.00025J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00033J**	ND(0.00025)	ND(0.00025)	**0.00027J**	ND(0.00025)	ND(0.0063)	**0.00031J**	ND(0.00025)	ND(0.00025)	**0.00034J**	ND(0.00025)	ND(0.00025)	**0.00037J**	**0.00030J**	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	**0.00038J**	**0.00028J**	ND(0.00025)	**0.00028J**	ND(0.00025)	ND(0.00025)
Bromoform	0.00319	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.00096J**	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	**0.00049J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Bromomethane	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	0.000474	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	20.9	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	0.000219	**0.013**	**0.0075**	**0.13**	**0.0048**	**0.0041**	**0.0048**	**0.11**	**0.012**	**0.081**	**0.05**	**0.0083**	**1.5**	**0.11**	**0.0089**	**0.075**	**0.093**	**0.026**	**0.023**	**0.072**	**0.057**	**0.018**	**0.12**	**0.018**	**0.098**	**0.083**	**0.017**	**0.010**	**0.06**	**0.011**	**0.048**
Chloromethane	0.188	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	0.0667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	0.0008	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	0.202	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	0.00611	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	0.000197	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	1.46	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	0.202[b]	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.0013J**	ND(0.00088)	ND(0.022)	ND(0.00088)	ND(0.00088)	**0.0014J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.0011J**	ND(0.0022)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																												
		U4U5-63								U4U5-64						U4U5-65						U4U5-66						U4U5-67		
		33'	57.5'	82'	102'	122'	142'	192'	242'	35'	58.5'	82'	102'	122'	142'	33'	57.5'	82'	103'	122'	142'	30'	56'	82'	102'	122'	142'	45'	67.5'	90'
Perchlorate	0.015	170	120	870	2,900	490	47	0.75	1.4	2,500	3,500	640	6,700	69	5.9	390	190	550	540	6.7	0.360	2,900	320	380	50	3.0	0.083	470	29	150
Hexavalent chromium	0.000134	8.1	9.3	24	63	15H	0.033	0.011	0.022	11	5.8	1.6	23H	0.26	0.021	8.8	13	22	17	0.150	0.016	12	0.65	0.10	0.12	0.021	0.027	2.6	1.2	10
Chromium	--	9.1	8.2	8.4	75	15	0.14	0.28	0.035	9.2B	5.5B	2.7B	22	0.47	0.032	8.2	12	34	17	0.25	0.074	12	0.72	0.71	0.22	0.080	0.079	3.1	1.1	8.9
Total Dissolved Solids	--	7,300	7,100	17,000	39,000	11,000	1,700	1,600	810	13,000	13,000	4,300	22,000	1,400	1,800	7,000	6,800	14,000	13,000	2,000	2,000	13,000	3,500	3,500	3,900	1,400	890	710	4,500	2,100	4,900
VOCs																														
1,1,1,2-Tetrachloroethane	0.000587	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,1,1-Trichloroethane	9.02	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,1,2-Trichloroethane	0.00027	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,1-Dichloroethane	0.0027	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,1-Dichloroethene	0.334	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,1-Dichloropropene	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,2,3-Trichlorobenzene	0.0267	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)
1,2,3-Trichloropropane	0.00000224	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)
1,2,4-Trichlorobenzene	0.00232	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)
1,2,4-Trimethylbenzene	0.0146	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)
1,2-Dibromoethane (EDB)	0.00000732	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,2-Dichlorobenzene	0.366	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,2-Dichloroethane	0.000167	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,2-Dichloropropane	0.000432	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,3,5-Trimethylbenzene	0.334	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,3-Dichlorobenzene	0.0807	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,3-Dichloropropane	0.667	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
1,4-Dichlorobenzene	0.0125	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
2,2-Dichloropropane	--	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)
2-Butanone (MEK)	6.86	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0048J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	**0.0036J**	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)
2-Chlorotoluene	0.667	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
2-Hexanone	0.0455	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)
4-Chlorotoluene	0.667	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)
Acetone	20.5	ND(0.25)	ND(0.025)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.047**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.20)	ND(0.010)	**0.014J**	ND(0.010)	ND(0.010)	ND(0.25)	**0.013J**	**0.030**	**0.016J**	ND(0.100)	ND(0.010)	ND(0.010)	ND(0.010)	**0.018J**	**0.013J**	ND(0.010)	ND(0.010)	ND(0.025)
Benzene	0.005	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Bromobenzene	0.0852	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Bromochloromethane	0.0834	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Bromodichloromethane	0.000133	ND(0.0063)	ND(0.00063)	**0.0013**	**0.0025**	**0.00041J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00049J**	ND(0.00025)	**0.00068**	ND(0.0050)	ND(0.00025)	ND(0.00025)	**0.00053**	**0.00026J**	ND(0.0063)	**0.00042J**	ND(0.00025)	ND(0.00025)	ND(0.0025)	**0.00036J**	**0.00029J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00043J**	ND(0.00025)	ND(0.00063)
Bromoform	0.00319	ND(0.010)	ND(0.0010)	**0.00069J**	**0.0017**	**0.00064J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.00069J**	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	**0.0013**	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	**0.00052J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.00088J**	ND(0.00040)	ND(0.0010)
Bromomethane	0.00853	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Carbon tetrachloride	0.000474	ND(0.0063)	ND(0.00063)	**0.00094**	**0.0012**	**0.00028J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Chlorate	1	1,900	2,300	5,600	22,000	4,800	320	4.8	NA	2,700	2,300	610	8,000	89	5.7	1,900	1,800	8,200	7,200	99	4.8	3,200	260	310	45	2.5	0.072	650	230	1,500
Chlorobenzene	0.667	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Chloroethane	20.9	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)
Chloroform	0.000219	**1.200**	**0.120**	**1.100**	**3.200**	**0.630**	**0.026**	ND(0.00025)	ND(0.00025)	**0.160**	**0.053**	**0.190**	**0.990**	**0.0099**	**0.00038J**	**0.240**	**0.027**	**1.800**	**0.860**	**0.0033**	ND(0.00025)	**0.580**	**0.023**	**0.032**	**0.00097**	ND(0.00025)	ND(0.00025)	**0.081**	**0.089**	**0.190**
Chloromethane	0.188	ND(0.0063)	ND(0.00063)	**0.00071**	**0.00031J**	**0.00080**	**0.00052**	**0.00033J**	**0.00057**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00035J**	ND(0.0063)	ND(0.00025)	ND(0.00025)	**0.00032J**	ND(0.0025)	ND(0.00025)	**0.00068**	**0.00089**	**0.00032J**	**0.00082**	ND(0.00025)	ND(0.00025)	ND(0.00063)
cis-1,2-Dichloroethene	0.0667	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
cis-1,3-Dichloropropene	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Dibromochloromethane	0.0008	ND(0.0063)	ND(0.00063)	**0.00053**	**0.00087**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00030J**	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	**0.00046J**	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Dibromomethane	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Dichlorodifluoromethane	0.202	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)
Ethylbenzene	0.00611	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Ethyl-t-butyl ether (ETBE)	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Hexachlorobutadiene	0.000197	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Isopropyl Ether (DIPE)	1.46	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Isopropylbenzene	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
m,p-Xylene	0.202[b]	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	**0.029J B**	**0.0025J B**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.018)	ND(0.00088)	ND(0.00088)	**0.00091J**	**0.0010J**	**0.037J**	ND(0.00088)	**0.0011J**	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.00090J B**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0022)
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)
Naphthalene	0.000165	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)
n-Butylbenzene	1.67	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																														
		U4U5-68						U4U5-69			U4U5-70						U4U5-71			U4U5-72							U4U5-73		
		45'	67.5'	90'	110'	130'	150'	40'	65'	90'	38'	65'	90'	110'	130'	150'	40'	65'	90'	45'	67.5'	90'	110'	130'	150'	45'	67.5'	90'
Perchlorate	0.015	**13**	**15**	**6.1**	**4.7**	**0.25**	**1.3**	**27**	**2.6**	**2.9**	**5.6**	**0.92**	**21**	**6.7**	**4.5**	**0.057**	**88**	**1.8**	**8.0**	**15**	**5.6**	**2.9**	**2.6**	**0.68**	**0.089**	**12**	**5.7**	**3.4**
Hexavalent chromium	0.000134	**0.28**	**0.095**	**0.017**	**0.079**	**0.0059**	ND(0.00025)	**0.073**	**0.043**	**0.19**	**0.021**	NA	**0.049**	**0.00070J**	**0.0017J H**	**0.0060**	**0.045**	**0.025**	**0.28**	**0.36H**	**0.17**	**0.0022**	ND(0.00025	**0.012**	**0.062**	**0.25**	**0.27**	**0.046**
Chromium	--	**0.32**	**0.094**	**0.049**	**0.23**	**0.37**	**0.77**	**5.0**	**0.13**	**0.31**	**0.51**	**0.22**	**0.93**	**0.013**	**0.36**	**0.30**	**0.24**	**0.25**	**0.29**	**0.74**	**0.72**	**0.097**	**0.034**	**0.22**	**0.19**	**0.37**	**0.39**	**0.061B**
Total Dissolved Solids	--	**2,200**	**1,800**	**1,700**	**1,900**	**820**	**820**	**5,000**	**2,600**	**2,100**	**3,700**	NA	**2,000**	**2,200**	**1,300**	**860**	**3,700**	**2,100**	**1,600**	**2,600**	**1,700**	**1,600**	**1,800**	**1,200**	**2,000**	**2,600**	**1,600**	**1,700**
VOCs																																
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,1,1-Trichloroethane	9.02	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,1,2-Trichloroethane	0.00027	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,1-Dichloroethane	0.0027	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,1-Dichloroethene	0.334	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,1-Dichloropropene	--	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,2,3-Trichlorobenzene	0.0267	ND(0.00040	ND(0.00040	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040
1,2,3-Trichloropropane	0.00000224	ND(0.00040	ND(0.00040	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040
1,2,4-Trichlorobenzene	0.00232	ND(0.00040	ND(0.00040	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040
1,2,4-Trimethylbenzene	0.0146	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.00050	ND(0.00050	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050
1,2-Dibromoethane (EDB)	0.00000732	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,2-Dichlorobenzene	0.366	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,2-Dichloroethane	0.000167	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,2-Dichloropropane	0.000432	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,3,5-Trimethylbenzene	0.34	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,3-Dichlorobenzene	0.0807	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,3-Dichloropropane	0.667	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
1,4-Dichlorobenzene	0.0125	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
2,2-Dichloropropane	--	ND(0.00040	ND(0.00040	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)F	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040
2-Butanone (MEK)	6.86	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0032J**	ND(0.0025)	**0.0047J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0056**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0031J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	0.667	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
2-Hexanone	0.0455	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0037J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	0.667	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	20.5	ND(0.010)	ND(0.010)	ND(0.010)	**0.012J**	ND(0.010)	**0.022**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.032**	**0.030**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.030**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	0.005	ND(0.00025	ND(0.00025	ND(0.00025)	**0.00065**	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Bromobenzene	0.0852	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Bromochloromethane	0.0834	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Bromodichloromethane	0.000133	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00046J**	ND(0.00025	ND(0.00025	ND(0.00025	**0.00036J**	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	**0.00036J**	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Bromoform	0.00319	ND(0.00040	ND(0.00040	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.0018**	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040
Bromomethane	0.00853	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Carbon tetrachloride	0.000474	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Chlorate	1	**85**	**55**	**48**	**46**	**2.7**	ND(0.010)	**320**	**26**	**46**	**23**	**7.4**	**39**	**24**	**15**	**0.19**	**110**	**7.5**	**72**	**160**	**25**	**40**	**29**	**5.8**	**0.64**	**140**	**66**	**27**
Chlorobenzene	0.667	ND(0.00025	ND(0.00025	ND(0.00025)	**0.0019**	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Chloroethane	20.9	ND(0.00040	ND(0.00040	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040
Chloroform	0.000219	**0.0089**	**0.0072**	**0.0072**	**0.0081**	**0.00039J F2**	**0.0025**	**0.091**	**0.016**	**0.012**	**0.0016**	**0.0023**	**0.012**	**0.0036**	**0.00085**	ND(0.00025	**0.0027**	**0.0031**	**0.012**	**0.0080**	**0.0074**	**0.0060**	**0.0034**	**0.00029J**	ND(0.00025	**0.0085**	**0.0080**	**0.0051**
Chloromethane	0.188	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
cis-1,2-Dichloroethene	0.0667	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
cis-1,3-Dichloropropene	--	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Dibromochloromethane	0.0008	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Dibromomethane	--	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Dichlorodifluoromethane	0.202	ND(0.00040	ND(0.00040	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040
Ethylbenzene	0.00611	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Ethyl-t-butyl ether (ETBE)	--	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Hexachlorobutadiene	0.000197	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Isopropyl Ether (DIPE)	1.46	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
Isopropylbenzene	--	ND(0.00025	ND(0.00025	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025
m,p-Xylene	0.202[b]	ND(0.00050	ND(0.00050	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050
Manganese	0.801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.00088	ND(0.00088	ND(0.00088)	ND(0.00088)	ND(0.00088)F	ND(0.00088)	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00

Discrete-Depth Groundwater Analytical Results (Units mg/L)

Analyte	BCL[a] (mg/L)	Depth Below Ground Surface																										
		U4U5-74						U4U5-75							U4U5-76								U4U5-77					
		71'	99'	127.3'	155.6'	183.8'	212'	70.7'	99'	127.3'	155.6'	183.8'	183.8'DUP	212.1'	70.7'	99'	127.3'	155.6'	183.8'	212.1'	212.1'DUP	70.7'	99'	127.3'	127.3'DUP	156'	184'	212'
Perchlorate	0.015	**22**	**2.8**	**31**	**110**	**24**	**23**	**8.4**	**3.4**	**9.9**	**8.7**	**62**	**59**	**10**	**86**	**20**	**69**	**86**	**2.9**	**14**	**13**	**92**	**11F1**	**11**	**9.9**	**62**	**3.4**	**0.660**
Hexavalent chromium	0.000134	**1.7**	**0.26**	**3.7**	**9.7**	**0.012**	**0.027**	**0.048**	**0.12**	**0.0018J**	**0.14**	**0.00035J**	**0.0014J**	**0.096**	ND(0.00025	**0.82**	**5.7**	**0.57**	**0.014**	**0.44**	**0.44**	**0.370**	**0.130H**	**2.2**	**1.9**	**5.2**	**0.012**	**0.200**
Chromium	--	**1.7**	**0.26**	**3.7**	**8.9**	**0.11**	**1.1**	**0.053**	**0.13**	**0.15**	**0.094**	**1.5**	**0.14**	**0.29**	**0.40**	**0.82**	**5.7**	**2.4**	**0.039**	**0.44**	**0.46**	**0.35**	**0.24**	**2.0**	**1.9**	**4.9**	**0.61**	**0.44**
Total Dissolved Solids	--	**4,000**	**1,900**	**2,800**	**7,100**	**1,900**	**1,900**	**2,700**	**2,400**	**3,000**	**1,700**	**2,100**	**2,000**	**990**	**5,300**	**2,400**	**3,900**	**3,400**	**1,400**	**850**	**850**	**2,300**	**1,800**	**2,000**	**2,000**	**3,800**	**870**	**1,900**
VOCs																												
1,1,1,2-Tetrachloroethane	0.000587	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,1,1-Trichloroethane	9.02	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,1,2,2-Tetrachloroethane	0.0000752	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,1,2-Trichloroethane	0.00027	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,1-Dichloroethane	0.0027	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,1-Dichloroethene	0.334	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,1-Dichloropropene	--	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,2,3-Trichlorobenzene	0.0267	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
1,2,3-Trichloropropane	0.00000224	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
1,2,4-Trichlorobenzene	0.00232	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
1,2,4-Trimethylbenzene	0.0146	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,2-Dibromo-3-Chloropropane	0.000000926	ND(0.0013)	ND(0.00050	ND(0.0013)	ND(0.0050)	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.0013)	ND(0.0013)	ND(0.0050)	ND(0.00050	ND(0.00050
1,2-Dibromoethane (EDB)	0.00000732	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,2-Dichlorobenzene	0.366	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,2-Dichloroethane	0.000167	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,2-Dichloropropane	0.000432	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,3,5-Trimethylbenzene	0.334	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,3-Dichlorobenzene	0.0807	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,3-Dichloropropane	0.667	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
1,4-Dichlorobenzene	0.0125	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
2,2-Dichloropropane	--	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
2-Butanone (MEK)	6.86	ND(0.0063)	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.029**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0075**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	0.667	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
2-Hexanone	0.0455	ND(0.0063)	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	0.667	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
4-Methyl-2-pentanone (MIBK)	6.26	ND(0.0063)	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	ND(0.0025)
Acetone	20.5	ND(0.025)	ND(0.010)	ND(0.025)	ND(0.10)	**0.064**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.020**	**0.033**	**0.029**	ND(0.010)	**0.12**	ND(0.010)	ND(0.010)	**0.014J**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.026**	ND(0.025)	ND(0.025)	ND(0.100)	**0.014J**	**0.022**
Benzene	0.005	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	**0.0039**	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Bromobenzene	0.0852	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Bromochloromethane	0.0834	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Bromodichloromethane	0.000133	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	**0.00026J**	**0.00028J**	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Bromoform	0.00319	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
Bromomethane	0.00853	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Carbon tetrachloride	0.000474	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Chlorate	1	**300**	**42**	**710**	**3,100**	**500**	**390**	**38**	**21**	**100**	**260**	**390**	**390**	**77**	**210**	**140**	**1,400**	**1,100**	**12**	**98**	**89**	**120**	**50**	**220**	**220**	**1,300**	**65**	**5.9**
Chlorobenzene	0.667	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Chloroethane	20.9	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
Chloroform	0.000219	**0.097**	**0.015**	**0.26**	**0.56**	**0.056**	**0.046**	**0.0075**	**0.0080**	**0.036**	**0.0098**	**0.040**	**0.029**	**0.0056**	**0.045**	**0.038**	**0.30**	**0.079**	**0.0015**	**0.011**	**0.012**	**0.016**	**0.012**	**0.130**	**0.130**	**0.440**	**0.034**	**0.0015**
Chloromethane	0.188	ND(0.00063)	**0.00062**	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	**0.0013**	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	**0.00096J**	ND(0.00063	ND(0.0025)	ND(0.00025	**0.00074**
cis-1,2-Dichloroethene	0.0667	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	**0.00028J**	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
cis-1,3-Dichloropropene	--	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Dibromochloromethane	0.0008	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Dibromomethane	--	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Dichlorodifluoromethane	0.202	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
Ethylbenzene	0.00611	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Ethyl-t-butyl ether (ETBE)	--	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Hexachlorobutadiene	0.000197	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Isopropyl Ether (DIPE)	1.46	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Isopropylbenzene	--	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
m,p-Xylene	0.202[b]	ND(0.0013)	ND(0.00050	ND(0.0013)	ND(0.0050)	**0.00061J**	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.00050	ND(0.0013)	ND(0.0013)	ND(0.0050)	ND(0.00050	ND(0.00050
Manganese	0.801	**0.10**	NA	**0.97**	**0.25**	**0.78**	**6.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.028**	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0317	ND(0.0022)	ND(0.00088	ND(0.0022)	ND(0.0088)	**0.0014J**	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.00088	ND(0.0022)	ND(0.0022)	ND(0.0088)	ND(0.00088	ND(0.00088
Methyl-t-Butyl Ether (MTBE)	0.0137	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Naphthalene	0.000165	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
n-Butylbenzene	1.67	ND(0.0010)	ND(0.00040	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.00040	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040	ND(0.00040
N-Propylbenzene	1.28	ND(0.00063)	ND(0.00025	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00025	ND(0.00063	ND(0.00063	ND(0.0025)	ND(0.00025	ND(0.00025
Nitrate as N	53.4	**3.3**	**0.97**	**2.0**	**2.0**	**1.3**	**0.71**	**2.0**	**1.0**	**0.69**	**1.2**	**0.78**	**0.85**	**1.4**	**9.8**	**1.6**	**3.6H**	**3.7**	**1.4**	**1.5**	**1.5**	**3.2**	**2.4**

Analyte	Units	BCL[a]	M-241	M-247		M-248	M-249		M-250	M-251		M-252		M-253	M-253	M-254	M-255			M-256		M-257		M-258	M-259		
			150'	60'	100'	150'	60'	100'	150'	60'	100'	150'	150'DUP	60'	100'	150'	60'	60'DUP	100'	60'	100'	150'	150' DUP	150'	60'	100'
Perchlorate	mg/L	0.015	**0.020**	**0.61**	**3.8**	**0.0086**	**14**	**4,100**	**1.3**	**31**	**4,600**	**8.8**	**5.5**	**8.4**	**1,300**	**0.810**	**90**	**83**	**350**	**220**	**6,600**	**5.3**	**5.7**	**1.1F1**	**16**	**57**
Hexavalent chromium	mg/L	0.000134	**0.0040**	**0.026**	**0.040**	**0.027**	**0.260**	**97**	**0.019**	**0.960**	**83**	**0.038**	**0.037**	**0.046**	**2.0**	**0.027H**	**3.3**	**2.6**	**5.8**	**0.450**	**74**	**0.037**	**0.037**	**0.042**	**1.3**	**0.730**
Total Dissolved Solids	mg/L	--	**550**	**1,600**	**710**	**600**	**2,100**	**50,000**	**620**	**2,300**	**46,000**	**620**	**610**	**1,600**	**3,400**	**560**	**3,000**	**3,000**	**4,100**	**2,200**	**40,000**	**590**	**600**	**550**	**2,100**	**1,200**
VOCs																											
1,1-Dichloroethene	mg/L	0.334	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	0.0267	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000224	ND(0.00025)	**0.000031J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00011**	ND(0.00025)	ND(0.00025)	**0.0046**	ND(0.00025)	ND(0.00025)	**0.0000053**	**0.0000085**	ND(0.00025)	**0.000011**	**0.000012**	**0.000014**	**0.000010**	**0.00038**	**0.000023**	**0.000026**	ND(0.00025)	**0.000057**	**0.000058**
1,2,4-Trimethylbenzene	mg/L	0.0146	**0.00036J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.366	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.000167	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.0125	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Butanone (MEK)	mg/L	6.86	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.10)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.000474	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0040J**	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	1	ND(0.010)	**5.6**	**13**	**0.023**	**100**	**26,000**	**14**	**280**	**32,000**	**17**	**16**	**13**	**20**	**1,000**	**0.70F1**	**540**	**530**	**2,100**	**230**	**19,000**	**4.0**	**4.0**	**0.940**	**180**	**300**
Chlorobenzene	mg/L	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroform	mg/L	0.000219	ND(0.00025)	**0.0024**	**0.00056**	ND(0.00025)	**0.023**	**4.4**	**0.00085**	**0.031**	**8.3**	**0.0023**	**0.0022**	**0.0082**	**0.069**	ND(0.00025)	**0.120**	**0.130**	**0.420**	**0.038**	**5.3**	**0.010**	**0.010**	ND(0.00025)	**0.120**	**0.037**
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Methylene Chloride	mg/L	0.0317	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.035)	ND(0.00088)	ND(0.00088)	**0.0010J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.018)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)
Nitrate as N	mg/L	53.4	**0.44**	**0.57**	**1.6**	**1.4**	**1.9**	**53**	**1.4**	**1.5**	**58**	**1.3**	**1.3**	**1.3**	**0.31**	**2.9**	**1.7**	**2.5**	**2.6**	**7.0**	**1.2**	**54**	**1.5**	**1.6**	**1.7**	**1.8**	**2.2H**
Sulfate	mg/L	--	**170**	**660**	**220**	**180**	**1,000**	**1,000**	**180**	**770**	**1,200**	**170**	**170**	**860**	**210**	**180**	**1,000**	**1,100**	**230**	**830**	**900**	**200**	**220**	**190**	**780**	**190**
Tetrachloroethene	mg/L	0.0129	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Trichloroethene	mg/L	0.000707	**0.00026J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromide	mg/L	11.3	ND(0.25)	**0.53J**	ND(0.25)F1	ND(0.25)	**0.51J**	ND(25)	**0.64**	ND(1.3)	ND(13)	ND(0.25)	ND(0.25)	**0.84**	ND(1.3)	ND(0.25)	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.50)F1	ND(25)	ND(0.25)	ND(0.25)	**0.33J**	ND(1.3)	**0.32J**
Chloride	mg/L	--	**130**	**140**	**140**	**140**	**280**	**3,900**	**170**	**320**	**5,000**	**150**	**150**	**150**	**300**	**130**	**440**	**380**	**450**	**210**	**4,100**	**130**	**130**	**110**	**170**	**180**
Nitrite as N	mg/L	3.34	ND(0.070)	**0.18J**	ND(0.070)F1	ND(0.070)	**0.16J**	ND(7.0)	ND(0.070)	ND(0.35)	ND(3.5)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.35)	ND(0.070)	**0.52J**	**0.46J**	ND(0.35)	ND(0.14)	ND(7.0)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.35)	ND(0.070)H
Orthophosphate as P	mg/L	--	ND(0.080)	ND(0.16)	**0.21F1**	ND(0.080)	ND(0.16)	ND(8.0)F1	**0.11J**	ND(0.40)	ND(4.0)	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.40)	ND(0.080)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.16)	ND(8.0)	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.40)	ND(0.080)H
Phosphorus, Total	mg/L	0.000667	**0.040J**	**0.048J**	**0.140**	**0.056**	**0.038J**	**0.040J**	**0.069**	ND(0.025)	**0.042J F1 F2**	**0.026J**	ND(0.025)	**0.19**	**0.059**	**0.030J**	ND(0.025)	ND(0.025)	ND(0.025)	**0.081**	**0.041J**	**0.033J**	**0.074**	**0.053**	ND(0.025)	**0.110**
Aluminum, Dissolved	mg/L	33.4	ND(0.050)	**0.27**	ND(0.050)	ND(0.050)	**0.32**	ND(0.25)	ND(0.050)	**1.4**	ND(0.25)F1	ND(0.050)	ND(0.050)	ND(0.050)	**0.81**	**0.73**	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.25)	**0.050J**	**0.17**	ND(0.050)	**0.39**	ND(0.050)
Sulfur, Dissolved	mg/L	--	**56**	**220**	**78**	**64**	**300**	**380**	**63**	**260**	**440**	**53**	**61**	**270**	**76**	**61**	**330**	**340**	**82**	**250**	**330**	**67**	**65**	**63**	**260**	**61**
Barium, Dissolved	mg/L	2	**0.025**	**0.11**	**0.0065J**	**0.021**	**0.020**	**0.23**	**0.014**	**0.027**	**0.23**	**0.020**	**0.020**	**0.021**	**0.039**	**0.022**	**0.019**	**0.019**	**0.062**	**0.012**	**0.24**	**0.016**	**0.016**	**0.014**	**0.11**	**0.024**
Boron, Dissolved	mg/L	6.67	**0.77**	**0.36**	**0.83**	**0.96**	**0.93**	**1.8**	**0.90**	**1.0**	**1.9**	**0.93**	**0.92**	**0.87**	**0.98**	**0.93**	**1.6**	**1.5**	**0.89**	**1.3**	**1.3**	**0.73**	**0.71**	**0.68**	**2.6**	**0.83**
Cadmium, Dissolved	mg/L	0.005	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Chromium, Dissolved	mg/L	--	**0.013**	**0.13**	**0.037**	**0.031**	**0.27**	**91**	**0.022**	**1.0**	**97**	**0.041**	**0.040**	**0.057**	**2.0**	**0.032**	**2.3**	**2.3**	**5.7**	**0.45**	**73**	**0.039**	**0.042**	**0.039**	**1.3**	**0.72**
Cobalt, Dissolved	mg/L	0.01	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Copper, Dissolved	mg/L	1.33	ND(0.0050)	**0.0054J**	ND(0.0050)	ND(0.0050)	**0.0066J**	ND(0.025)	ND(0.0050)	**0.013**	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	**0.0091J**	ND(0.0050)	**0.067**	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Iron, Dissolved	mg/L	23.4	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)	ND(0.25)F1	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	**0.12**	ND(0.050)	ND(0.050)	ND(0.050)
Lead, Dissolved	mg/L	--	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.019)	ND(0.0038)	ND(0.0038)	ND(0.019)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.019)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)	ND(0.0038)
Magnesium, Dissolved	mg/L	189	**15**	**0.11**	**23**	**17**	**4.4**	**1,100**	**21**	**0.074**	**610**	**19**	**18**	**12**	**110**	**18F1**	**1.4**	**1.4**	**75**	**4.1**	**930**	**15**	**14**	**13**	**0.16**	**32**
Manganese, Dissolved	mg/L	0.801	**0.027**	ND(0.015)	ND(0.015)	ND(0.015)	ND(0.015)	ND(0.075)	ND(0.015)	ND(0.015)	ND(0.075)	ND(0.015)	ND(0.015)	ND(0.015)	**0.019J**	ND(0.015)	ND(0.015)	ND(0.015)	ND(0.015)	ND(0.015)	ND(0.075)	ND(0.015)	ND(0.015)	ND(0.015)	**0.031**	ND(0.015)
Molybdenum, Dissolved	mg/L	0.167	**0.013J**	**0.018J**	**0.013J**	**0.011J**	**0.026**	ND(0.050)	**0.012J**	**0.024**	ND(0.050)	**0.010J**	**0.011J**	**0.048**	**0.010J**	**0.011J**	**0.028**	**0.027**	**0.027**	**0.049**	ND(0.050)	**0.012J B**	**0.012J B**	**0.015J**	**0.039**	ND(0.010)
Nickel, Dissolved	mg/L	0.667	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Silicon, Dissolved	mg/L	--	**6.6**	**5.2**	**15**	**6.6**	**10**	**13**	**6.7**	**21**	**5.4**	**7.2**	**7.2**	**11**	**8.6**	**8.3**	**22**	**21**	**9.8**	**16**	**8.8F1**	**6.0**	**5.8**	**6.7**	**18**	**15**
Silver, Dissolved	mg/L	0.167	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Strontium, Dissolved	mg/L	20	**1.0**	**3.5**	**0.90**	**1.1**	**2.3**	**72**	**1.1**	**0.67**	**52**	**1.3**	**1.3**	**1.9**	**6.3**	**1.2**	**0.50**	**0.49**	**4.8**	**1.1**	**70**	**1.2**	**1.1**	**0.94**	**2.5**	**1.7**
Tungsten, Dissolved	mg/L	0.0267	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Zinc, Dissolved	mg/L	10	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.060)	ND(0.012)	ND(0.012)	ND(0.060)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.060)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Zirconium, Dissolved	mg/L	0.00267	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Arsenic, Dissolved	mg/L	0.01	**0.019**	ND(0.010)	**0.019**	**0.016J**	ND(0.020)	ND(0.20)	**0.010**	**0.045J**	ND(0.20)	**0.019J**	**0.019J**	**0.030**	ND(0.010)	**0.017**	**0.130**	**0.120**	ND(0.020)	**0.062**	ND(0.200)	**0.021J**	**0.017J**	**0.017**	**0.072**	**0.020**
Niobium, Dissolved	mg/L	0.00334	ND(0.010)^	ND(0.025)	ND(0.010)	ND(0.025)^	ND(0.050)^	ND(0.50)^	ND(0.010)^	ND(0.050)	ND(0.50)	ND(0.025)^	ND(0.025)^	ND(0.025)^	ND(0.025)^	ND(0.010)^	ND(0.050)^	ND(0.050)^	ND(0.050)^	ND(0.050)^	ND(0.500)^	ND(0.025)	ND(0.025)	ND(0.010)^	ND(0.050)	ND(0.010)
Palladium, Dissolved	mg/L	--	ND(0.0002)F1	ND(0.00050)F1	ND(0.00020)	ND(0.00050)	ND(0.0010)	ND(0.0010)	ND(0.00020)	ND(0.0010)	ND(0.0010)F1	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00020)F1	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.00050)	ND(0.00050)	ND(0.00020)	ND(0.0010)	ND(0.00020)
Antimony, Dissolved	mg/L	0.006	ND(0.0020)	ND(0.0050)	ND(0.0020)	ND(0.0050)	ND(0.010)	ND(0.10)	ND(0.0020)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.100)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.0020)
Selenium, Dissolved	mg/L	0.167	ND(0.0020)	ND(0.0050)	ND(0.0020)	ND(0.0050)	ND(0.010)	ND(0.10)	ND(0.0020)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	**0.0022J**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.100)	ND(0.0050)	ND(0.0050)	ND(0.0020)	ND(0.010)	ND(0.0020)
Thallium, Dissolved	mg/L	0.000334	ND(0.00090)	ND(0.0023)	ND(0.00090)	ND(0.0023)	ND(0.0045)	ND(0.045)	ND(0.00090)	ND(0.0045)	ND(0.045)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.00090)	ND(0.0045)	ND(0.0045)	ND(0.0045)	ND(0.0045)	ND(0.045)	ND(0.0023)	ND(0.0023)	ND(0.00090)	ND(0.0045)	ND(0.00090)
Mercury, Dissolved	mg/L	0.000626	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)	ND(0.00010)
DRO (C13-C22)	mg/L	--	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.097)	ND(0.094)	ND(0.11)	ND(0.10)	ND(0.10)	ND(0.096)	ND(0.096)	ND(0.10)	ND(0.11)	ND(0.095)	ND(0.095)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.096)	ND(0.11)	ND(0.096)	ND(0.11)	ND(0.11)	ND(0.10)
GRO (C4-C12)	mg/L	--	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	**0.026J**	**0.630**	ND(0.025)	ND(0.025)	**0.960**	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	**0.039J**	**0.039J**	**0.077**	ND(0.025)	**0.530**	ND(0.025)	ND(0.025)	ND(0.025)	**0.030J**	**0.031J**
ORO (C23-C40)	mg/L	--	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.097)	ND(0.094)	ND(0.11)	ND(0.10)	ND(0.10)	ND(0.096)	ND(0.096)	ND(0.10)	ND(0.11)	ND(0.095)	ND(0.095)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.096)	ND(0.11)	ND(0.096)	ND(0.11)	ND(0.11)	ND(0.10)
Endosulfan sulfate	mg/L	--	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
alpha-BHC	mg/L	0.0000107	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
beta-BHC	mg/L	0.0000374	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000028)	ND(0.000029)	ND(0.000030)	ND(0.000028)	ND(0.000030)	ND(0.000029)	ND(0.000029)	ND(0.000029)	ND(0.000030)	ND(0.000032)	ND(0.000032)	ND(0.000033)	ND(0.000030)	ND(0.000030)	ND(0.000031)	ND(0.000032)	ND(0.000034)	ND(0.000029)	ND(0.000032)
2,4'-DDE	mg/L	0.000198[b]	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
4,4'-DDT	mg/L	0.000198[c]	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
Endrin ketone	mg/L	--	ND(0.000039)	ND(0.000044)	ND(0.000041)	ND(0.000039)	ND(0.000039)	ND(0.000037)	ND(0.000038)	ND(0.000041)	ND(0.000038)	ND(0.000040)	ND(0.000039)	ND(0.000039)	ND(0.000039)	ND(0.000040)	ND(0.000043)	ND(0.000042)	ND(0.000044)	ND(0.000040)	ND(0.000039)	ND(0.000041)	ND(0.000043)	ND(0.000045)	ND(0.000039)	ND(0.000043)
gamma-BHC (Lindane)	mg/L	0.0000611	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
Dieldrin	mg/L	0.0000042	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
4,4'-DDE	mg/L	0.000198[b]	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
Endosulfan I	mg/L	0.2	ND(0.000020)	ND(0.000022)	ND(0.000021)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000019)	ND(0.000020)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000022)	ND(0.000020)	ND(0.000020)	ND(0.000021)	ND(0.000021)	ND(0.000023)	ND(0.000020)	ND(0.000022)
Aroclor 1260	mg/L	0.00000762	ND(0.00025)	ND(0.00027)	ND(0.00026)	ND(0.00024)	ND(0.00024)	ND(0.00023)	ND(0.00024)	ND(0.00025)	ND(0.00024)	ND(0.00025)	ND(0.00024)	ND(0.00025)	ND(0.00024)	ND(0.00025)	ND(0.00027)	ND(0.00026)	ND(0.00027)	ND(0.00025)	ND(0.00025)	ND(0.00026)	ND(0.00027)	ND(0.00028)	ND(0.00025)	ND(0.00027)
Polychlorinated biphenyls, Total	mg/L	0.00000762	ND(0.00025)	ND(0.00027)	ND(0.00026)	ND(0.00024)	ND(0.00024)	ND(0.00023)	ND(0.00024)	ND(0.00025)	ND(0.00024)	ND(0.00025)	ND(0.00024)	ND(0.00025)	ND(0.00024)	ND(0.00025)	ND(0.00027)	ND(0.00026)	ND(0.00027)	ND(0.00025)	ND(0.00025)	ND(0.00026)	ND(0.00027)	ND(0.00028)	ND(0.00025)	ND(0.00027)
1,4-Dioxane	mg/L	0.000672	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	**0.00074J**	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Phthalic acid	mg/L	66.7	ND(0.0059)	ND(0.0062)	ND(0.0056)	ND(0.0057)	ND(0.0056)	ND(0.0055)	ND(0.0062)	ND(0.0061)	ND(0.0057)	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0059)	ND(0.0059)	ND(0.0061)	ND(0.0060)	ND(0.0059)	ND(0.0061)	ND(0.0055)	ND(0.0061)	ND(0.0059)	ND(0.0063)	ND(0.0060)	ND(0.0056)
Dimethyl phthalate	mg/L	334	ND(0.0050)	ND(0.0052)	ND(0.0052)	ND(0.0053)	ND(0.0050)	ND(0.0051)	ND(0.0053)	ND(0.0050)	ND(0.0049)	ND(0.0049)	ND(0.0049)	ND(0.0050)	ND(0.0049)	ND(0.0053)	ND(0.0054)	ND(0.0050)	ND(0.0057)	ND(0.0050)	ND(0.0050)	ND(0.0054)	ND(0.0049)	ND(0.0054)	ND(0.0052)	ND(0.0051)
Hexachlorobenzene	mg/L	0.00000946

Analyte	Units	BCL[a]	M-241	M-247		M-248	M-249		M-250	M-251		M-252		M-253		M-254	M-255			M-256		M-257		M-258	M-259	
			150'	60'	100'	150'	60'	100'	150'	60'	100'	150'	150'DUP	60'	100'	150'	60'	60'DUP	100'	60'	100'	150'	150'DUP	150'	60'	100'
PCB-81	pg/L	394	ND(0.92)	ND(1.4)	ND(1.2)	ND(0.81)	ND(1.1)	ND(0.88)	ND(0.74)	ND(0.83)	ND(1.1)	ND(0.97)	ND(1.0)	ND(0.94)	ND(0.91)	ND(0.64)	ND(0.99)	ND(1.2)	ND(0.79)	ND(0.90)	ND(0.89)	ND(0.83)	ND(0.78)	ND(0.83)	ND(1.2)	ND(1.1)
PCB-118	pg/L	3,940	**7.8J B**	**16J**	**3.3J**	**6.0J B**	**3.2J**	**4.9J B**	**6.2J B**	**3.5J**	**5.5J**	**14J B**	**7.1J B**	**5.5J**	**4.7J**	**4.4J**	**4.8J**	**5.6J**	**4.1J**	**5.2J**	**5.2J**	**7.9J**	**5.0J**	**4.5J**	ND(1.7)	ND(1.0)
PCB-126	pg/L	1.15	ND(1.7)	ND(1.4)	ND(1.2)	ND(0.87)	ND(1.1)	ND(0.95)	ND(0.74)	ND(1.2)	ND(1.4)	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.4)	ND(0.81)	ND(2.0)	ND(1.4)	ND(1.1)	ND(1.4)	ND(1.2)	ND(0.87)	ND(0.69)	ND(1.2)	ND(1.8)	ND(1.2)
PCB-169	pg/L	3.94	ND(0.61)	ND(0.87)	ND(0.61)	ND(0.37)	ND(0.52)	ND(0.36)	ND(0.69)	ND(0.51)	ND(0.51)	ND(0.63)	ND(0.50)	ND(0.57)	ND(0.72)	ND(0.45)	ND(0.89)	ND(0.98)	ND(0.55)	ND(0.73)	ND(0.46)	ND(0.55)	ND(0.46)	ND(0.91)	ND(0.69)	ND(0.71)
PCB-209	pg/L	--	**580**	**3.7J**	ND(0.88)	**3.8J**	**1.4J**	**4.7J q**	ND(0.69)	**1.6J q**	ND(0.75)	**3.2J**	**1.8J**	**1.2J q**	**2.7J**	**5.2J**	**3.2J**	ND(0.98)	ND(0.67)	ND(0.86)	ND(0.68)	**9.9J**	**4.7J**	ND(0.92)	**2.5J**	ND(1.2)
2,3,7,8-TCDD	pg/L	0.517	ND(0.39)	ND(0.83)	ND(0.55)	ND(0.54)	ND(0.20)	ND(0.28)	ND(0.56)	ND(0.27)	ND(0.24)	ND(0.19)	ND(0.54)	ND(0.26)	ND(0.25)	ND(0.77)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.49)	ND(0.39)	ND(0.18)	ND(0.21)	ND(0.36)	ND(0.19)	ND(0.21)
2,3,7,8-TCDF	pg/L	--	**5.9J**	ND(0.31)	ND(0.59)	ND(0.35)	ND(0.15)	ND(0.26)	ND(0.33)	ND(0.23)	ND(0.18)	ND(0.13)	ND(0.42)	ND(0.18)	ND(0.16)	ND(0.45)	ND(0.15)	ND(0.16)	ND(0.12)	ND(0.23)	ND(0.28)	ND(0.14)	ND(0.12)	ND(0.25)	ND(0.16)	ND(0.16)
1,2,3,7,8-PeCDD	pg/L	--	ND(0.46)	ND(0.55)	ND(0.62)	ND(0.61)	ND(0.25)	ND(0.42)	ND(0.60)	**1.6J q**	ND(0.30)	ND(0.28)	**0.68J**	ND(0.35)	ND(0.30)	ND(0.91)	ND(0.24)	ND(0.25)	ND(0.30)	ND(0.61)	ND(0.56)	ND(0.29)	ND(0.31)	ND(0.37)	ND(0.30)	ND(0.27)
1,2,3,7,8-PeCDF	pg/L	--	**4.6J**	ND(0.34)	**0.88J q**	ND(0.49)	ND(0.23)	ND(0.30)	**0.46J q**	**1.6J q**	ND(0.25)	ND(0.21)	**0.79J q**	ND(0.22)	ND(0.19)	ND(0.43)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.34)	ND(0.31)	ND(0.18)	ND(0.22)	ND(0.24)	ND(0.19)	ND(0.19)
2,3,4,7,8-PeCDF	pg/L	--	**2.8J**	ND(0.35)	**0.82J q**	ND(0.50)	ND(0.24)	ND(0.31)	ND(0.45)	**2.1J q**	ND(0.26)	ND(0.21)	ND(0.46)	ND(0.23)	ND(0.20)	ND(0.43)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.35)	ND(0.32)	ND(0.18)	ND(0.22)	ND(0.24)	ND(0.20)	ND(0.20)
1,2,3,4,7,8-HxCDD	pg/L	--	**2.4J B**	**1.3J B**	**3.3J B**	**1.3J q B**	**1.2J B q**	**1.1J B q**	**1.5J q B**	**2.4J B q**	**1.7J B**	**1.1J B q**	**2.5J q B**	**1.9J q B**	**2.0J B**	**1.4J B q**	**1.5J B**	**1.7J B**	**1.5J B**	**1.1J B q**	**1.9J B**	**1.7J B**	**1.4J B**	**1.3J B q**	**1.2J B**	**1.4J B**
1,2,3,6,7,8-HxCDD	pg/L	--	ND(0.27)	ND(0.61)	ND(0.77)	ND(0.44)	ND(0.14)	**0.80J q**	ND(0.53)	**2.6J B**	ND(0.18)	ND(0.19)	ND(0.44)	ND(0.22)	ND(0.22)	ND(0.46)	ND(0.22)	ND(0.18)	ND(0.19)	ND(0.83)	ND(0.55)	ND(0.21)	ND(0.22)	ND(0.51)	ND(0.23)	**0.75J**
1,2,3,7,8,9-HxCDD	pg/L	--	**0.82J B q**	ND(0.54)	**1.2J**	ND(0.39)	ND(0.14)	**0.29J B q**	ND(0.47)	**2.4J B q**	ND(0.18)	ND(0.19)	**2.0J**	**0.81J q**	ND(0.23)	ND(0.44)	ND(0.23)	ND(0.19)	ND(0.19)	ND(0.73)	ND(0.49)	ND(0.21)	ND(0.22)	ND(0.45)	ND(0.22)	**1.0J**
1,2,3,4,7,8-HxCDF	pg/L	--	**14J B**	ND(0.48)	ND(0.84)	ND(0.43)	ND(0.15)	ND(0.34)	ND(0.35)	**1.7J q**	ND(0.23)	ND(0.22)	**1.1J q**	ND(0.47)	ND(0.43)	ND(0.81)	ND(0.24)	ND(0.21)	ND(0.24)	ND(0.55)	ND(0.60)	ND(0.27)	ND(0.18)	ND(0.40)	ND(0.25)	**0.72J**
1,2,3,6,7,8-HxCDF	pg/L	--	**8.3J B**	ND(0.46)	**1.1J**	**0.59J B**	ND(0.14)	ND(0.31)	ND(0.32)	**2.2J B**	ND(0.21)	ND(0.21)	ND(0.44)	ND(0.41)	ND(0.38)	ND(0.78)	ND(0.21)	ND(0.19)	ND(0.21)	ND(0.53)	ND(0.57)	ND(0.26)	ND(0.17)	ND(0.38)	ND(0.23)	ND(0.23)
2,3,4,6,7,8-HxCDF	pg/L	--	**1.9J B q**	ND(0.47)	**1.1J**	ND(0.42)	**0.19J q**	ND(0.33)	ND(0.35)	**2.2J q**	ND(0.23)	ND(0.22)	ND(0.47)	ND(0.44)	ND(0.40)	ND(0.79)	ND(0.23)	ND(0.20)	ND(0.22)	ND(0.54)	ND(0.58)	ND(0.27)	ND(0.17)	ND(0.39)	ND(0.25)	**0.46J q**
1,2,3,7,8,9-HxCDF	pg/L	--	ND(0.85)	ND(0.47)	**1.6J B**	ND(0.43)	**0.35J q**	**0.74J B q**	**0.71J B**	**2.5J B**	**0.79J B**	**0.52J**	**1.6J q B**	**0.68J**	ND(0.46)	ND(0.87)	ND(0.26)	**0.25J q**	**0.29J q**	ND(0.54)	ND(0.58)	**0.37J**	**0.53J q**	ND(0.39)	ND(0.26)	**0.86J**
1,2,3,4,6,7,8-HpCDD	pg/L	--	**4.6J B**	**0.73J B**	**1.8J B**	**1.2J**	**2.2J B q**	**2.3J B q**	**0.81J**	**4.6J B q**	ND(0.49)	**0.60J B q**	**1.7J**	**0.81J q B**	**0.5JJ B**	ND(0.29)	**0.69J B**	**0.52J B**	**0.53J B**	**0.50J B q**	**0.84J B**	**0.64J B q**	**0.82J B**	**0.48J B q**	**2.0J B**	**2.1J B**
1,2,3,4,6,7,8-HpCDF	pg/L	--	**38J B**	ND(0.20)	**1.7J B**	ND(0.71)	ND(0.26)	**1.7J B**	ND(0.72)	**2.7J B q**	**0.53J B q**	**0.30J B q**	ND(0.64)	**0.65J q B**	ND(0.14)	ND(0.16)	ND(0.17)	ND(0.16)	**0.23J q B**	ND(0.20)	**0.50J B q**	**0.29J B q**	ND(0.29)	**0.31J B q**	**0.63J B q**	**0.68J B q**
1,2,3,4,7,8,9-HpCDF	pg/L	--	**18J B**	ND(0.22)	**1.5J B**	ND(0.83)	ND(0.33)	ND(0.41)	ND(0.84)	**2.9J B**	ND(0.22)F2	ND(0.17)	ND(0.75)	**0.66J**	ND(0.17)	ND(0.19)	ND(0.21)	ND(0.19)	ND(0.19)	ND(0.22)	**0.29J B q**	ND(0.21)	ND(0.34)	ND(0.17)	ND(0.28)	**0.80J**
OCDD	pg/L	--	**24J B**	**13J B**	**11J q B**	**3.6J B**	**28J B**	**22J B q**	**1.3J q B**	**25J B**	**17J B**	**3.7J B**	**3.5J q B**	**2.5J q B**	**1.5J q B**	**5.4J B**	**1.8J q B**	**1.5J q B**	**1.9J B**	**4.2J B q**	**5.5J B**	**5.2J B**	**3.6J B**	**4.7J B q**	**23J B**	**21J B**
OCDF	pg/L	--	**87J B**	**1.1J B**	**3.0J B**	ND(0.46)	**5.4J B**	**6.0J B**	ND(0.60)	**9.3J B**	**3.2J B**	ND(0.17)	**1.7J B**	**1.2J q**	**0.49J**	ND(0.53)	ND(0.18)	ND(0.18)	ND(0.17)	ND(0.30)	**0.87J B**	**0.70J B**	**0.53J B q**	**0.49J B**	**3.9J B**	**4.4J B q**
Total TCDD	pg/L	--	**0.95J q**	ND(0.83)	ND(0.55)	ND(0.54)	ND(0.20)	ND(0.28)	ND(0.56)	ND(0.27)	ND(0.24)	ND(0.19)	ND(0.54)	ND(0.26)	ND(0.25)	ND(0.77)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.49)	ND(0.39)	ND(0.18)	**0.24J q**	ND(0.36)	ND(0.19)	ND(0.21)
Total TCDF	pg/L	--	**18q**	ND(0.31)	ND(0.59)	ND(0.35)	ND(0.15)	ND(0.26)	ND(0.33)	ND(0.23)	ND(0.18)	ND(0.13)	ND(0.42)	ND(0.18)	ND(0.16)	ND(0.45)	ND(0.15)	ND(0.16)	ND(0.12)	ND(0.23)	ND(0.28)	ND(0.14)	ND(0.12)	ND(0.25)	ND(0.16)	ND(0.16)
Total PeCDD	pg/L	--	**1.5J q**	ND(0.55)	ND(0.62)	ND(0.61)	ND(0.25)	ND(0.42)	ND(0.60)	**1.6J q**	ND(0.30)	ND(0.28)	**0.68J**	ND(0.35)	ND(0.30)	ND(0.91)	ND(0.24)	ND(0.25)	ND(0.30)	ND(0.61)	ND(0.56)	ND(0.29)	ND(0.31)	ND(0.37)	ND(0.30)	ND(0.27)
Total PeCDF	pg/L	--	**35J q**	ND(0.35)	**1.7J q**	ND(0.50)	ND(0.24)	ND(0.31)	**0.46J q**	**3.7J q**	ND(0.26)	ND(0.21)	**0.79J q**	ND(0.23)	ND(0.20)	ND(0.43)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.35)	ND(0.32)	ND(0.18)	ND(0.22)	ND(0.24)	ND(0.20)	ND(0.20)
Total HxCDD	pg/L	--	**7.7J B q**	**1.3J B**	**4.5J B**	**1.3J q B**	**1.2J B q**	**2.2J B q**	**1.5J q B**	**7.4J B q**	**2.1J B**	**1.1J B q**	**4.5J q B**	**2.7J q B**	**2.0J B**	**1.4J B q**	**1.5J B**	**1.7J B**	**1.5J B**	**1.1J B q**	**1.9J B**	**1.7J B**	**1.4J B**	**1.3J B q**	**1.2J B**	**3.2J B**
Total HxCDF	pg/L	--	**27J B q**	ND(0.48)	**3.8J B**	**0.59J B**	**0.55J q**	**1.0J B q**	**0.71J B**	**8.7J B q**	**0.79J B**	**0.52J**	**2.7J q B**	**0.68J**	ND(0.46)	ND(0.87)	ND(0.26)	**0.25J q**	**0.29J q**	ND(0.55)	ND(0.60)	**0.37J**	**0.53J q**	ND(0.40)	ND(0.26)	**2.0J q**
Total HpCDD	pg/L	--	**8.0J B q**	**1.8J B**	**2.7J B**	**2.7J q**	**3.8J B q**	**4.5J B q**	**1.8J q**	**6.4J B q**	**0.95J B q**	**1.5J B q**	**2.8J**	**1.7J q B**	**1.5J B**	**1.4J B q**	**1.5J q B**	**1.3J q B**	**1.6J B**	**1.4J B q**	**1.7J B**	**1.9J B q**	**2.5J B**	**1.4J B q**	**3.9J B**	**3.0J B**
Total HpCDF	pg/L	--	**87B**	ND(0.22)	**3.1J B**	ND(0.83)	**1.1J B q**	**3.0J B q**	ND(0.84)	**7.0J B q**	**1.3J B q**	**0.30J B q**	ND(0.75)	**1.3J q B**	ND(0.17)	ND(0.19)	ND(0.21)	ND(0.19)	**0.23J q B**	ND(0.22)	**0.79J B q**	**0.29J B q**	ND(0.34)	**0.31J B q**	**1.6J B q**	**2.4J B q**
Radium-226	pCi/L	--	**0.0448U**	**0.248**	**0.0434U**	**0.173**	**-0.00129U**	**1.24**	**0.0599U**	**0.133**	**1.37**	**0.139**	**0.0943**	**0.0880**	**0.118**	**0.0639U**	**0.0856**	**0.0202U**	**0.221**	**0.0599U**	**1.27**	**0.0693**	**0.101**	**0.140**	**0.342**	**0.0979**
Radium-228	pCi/L	--	**0.395U**	**0.465**	**0.303U**	**0.258U**	**0.276U**	**2.75**	**0.0848U**	**0.0923U**	**2.27**	**0.119U**	**0.295U**	**0.701**	**0.233U**	**0.0305U**	**0.377**	**0.399**	**0.330U**	**-0.258U**	**1.81**	**0.246U**	**0.0600U**	**0.516**	**0.638**	**0.319**
Thorium-228	pCi/L	0.14	**0.188U**	**0.274**	**0.257**	**0.159**	**0.152U**	**1.11**	**0.0514U**	**0.0679U**	**1.49G**	**0.0728U**	**0.0916U**	**0.181U**	**0.183U**	**0.151U**	**0.111U**	**0.0762U**	**1.05**	**0.397**	**1.37G**	**0.121U**	**0.0259U**	**0.150U**	**0.117U**	**0.174U**
Thorium-230	pCi/L	0.05	**0.352**	**0.297**	**0.167**	**0.182**	**0.146**	**1.49**	**0.257**	**0.349**	**0.594U**	**0.0527U**	**0.179**	**0.184**	**0.403**	**0.0951U**	**0.325**	**0.204**	**1.84**	**0.169**	**1.06**	**0.169**	**0.160**	**0.320**	**0.127**	**0.201**
Thorium-232	pCi/L	0.17	**-0.00472U**	**-0.00467U**	**0.0199U**	**0.0396U**	**0.0205U**	**-0.0815U**	**0.0186U**	**0.0240U**	**0.301U**	**0.0270U**	**0.0198U**	**-0.00437U**	**0.0239U**	**0.00241U**	**-0.00416U**	**-0.00379U**	**-0.0437U**	**0.000U**	**0.0841U**	**0.0404U**	**0.0559U**	**0.0426U**	**0.0253U**	**-0.00394U**
Uranium-233/234	pCi/L	--	**1.53**	**0.0816U**	**1.18**	**1.17**	**0.292**	**1.37**	**1.21**	**0.392**	**0.0922U G**	**1.41**	**1.35**	**1.01**	**0.553**	**0.983**	**2.65**	**3.15**	**1.79**	**1.24**	**1.46**	**1.12**	**1.56**	**1.52**	**0.948**	**1.74**
Uranium-235/236	pCi/L	--	**0.0243U**	**0.0125U**	**-0.0103U**	**0.0501U**	**-0.0171U**	**0.0833U**	**0.0390U**	**-0.00510U**	**0.0882U**	**0.107**	**0.0296U**	**0.0457U**	**0.103U**	**0.0307U**	**0.0557U**	**0.105U**	**-0.0782U**	**0.0164U**	**0.0884U**	**0.0468U**	**0.0156U**	**-0.0112U**	**0.0916U**	**0.0311U**
Uranium-238	pCi/L	--	**0.874**	**0.0500U**	**0.810**	**0.928**	**0.103U**	**1.03**	**0.822**	**0.185**	**0.297U**	**1.11**	**0.861**	**0.744**	**0.486**	**0.690**	**1.54**	**1.86**	**1.30**	**0.540**	**0.794**	**0.950**	**0.957**	**0.945**	**0.505**	**1.04**
Azinphos-Methyl	ug/L	100	ND(0.140)	ND(0.140)	ND(0.140)	ND(0.348)	ND(0.140)	ND(0.140)	ND(0.348)	ND(0.348)J4	ND(0.348)J4 J5	ND(0.348)J4	ND(0.348)J4 J5	ND(0.140)	ND(0.140)	ND(0.348)J4 J5	ND(0.140)	ND(0.140)	ND(0.140)	ND(0.140)	ND(0.140)	ND(0.348)J4	ND(0.348)J4	ND(0.140)	ND(0.140)	ND(0.140)T8
Bolstar (Sulprofos)	ug/L	--	ND(0.129)	ND(0.129)	ND(0.129)	ND(0.205)	ND(0.129)	ND(0.129)	ND(0.205)	ND(0.205)J4	ND(0.205)J4 J5	ND(0.205)J4	ND(0.205)J4 J5	ND(0.129)	ND(0.129)	ND(0.205)J4 J5	ND(0.129)	ND(0.129)	ND(0.129)	ND(0.129)	ND(0.129)	ND(0.205)J4	ND(0.205)J4	ND(0.129)	ND(0.129)	ND(0.129)T8
Chlorpyrifos	ug/L	33.4	ND(0.133)	ND(0.133)	ND(0.133)	ND(0.245)	ND(0.133)	ND(0.133)	ND(0.245)	ND(0.245)J4	ND(0.245)J4 J5	ND(0.245)J4	ND(0.245)J4	ND(0.133)	ND(0.133)	ND(0.245)J4 J5	ND(0.133)	ND(0.133)	ND(0.133)	ND(0.133)	ND(0.133)	ND(0.245)J4	ND(0.245)J4	ND(0.133)	ND(0.133)	ND(0.133)T8
Coumaphos	ug/L	--	ND(0.142)	ND(0.142)	ND(0.142)	ND(0.277)	ND(0.142)	ND(0.142)	ND(0.277)	ND(0.277)J4	ND(0.277)J4 J5	ND(0.277)J4	ND(0.277)J4	ND(0.142)	ND(0.142)	ND(0.277)J4	ND(0.142)	ND(0.142)	ND(0.142)	ND(0.142)	ND(0.142)	ND(0.277)J4	ND(0.277)J4	ND(0.142)	ND(0.142)	ND(0.142)T8
Demeton,-O and -S	ug/L	1.33	ND(0.0680)	ND(0.0680)	ND(0.0680)	ND(0.341)J4	ND(0.0680)	ND(0.0680)	ND(0.341)J4	ND(0.341)	ND(0.341)	ND(0.341)	ND(0.341)	ND(0.0680)	ND(0.0680)	ND(0.341)	ND(0.0680)	ND(0.0680)	ND(0.0680)	ND(0.0680)	ND(0.0680)	ND(0.341)	ND(0.341)	ND(0.0680)	ND(0.0680)	ND(0.0680)T8
Diazinon	ug/L	23.4	ND(0.0950)	ND(0.0950)	ND(0.0950)	ND(0.377)	ND(0.0950)	ND(0.0950)	ND(0.0950)	ND(0.377)	ND(0.377)J5	ND(0.377)	ND(0.377)	ND(0.0950)	ND(0.0950)	ND(0.377)J5	ND(0.0950)	ND(0.0950)	ND(0.0950)	ND(0.0950)	ND(0.0950)	ND(0.377)	ND(0.377)	ND(0.0950)	ND(0.0950)	ND(0.0950)T8
Dichlorvos	ug/L	0.232	ND(0.0530)	ND(0.0530)	ND(0.0530)	ND(0.212)	ND(0.0530)	ND(0.0530)	ND(0.212)	ND(0.212)J4	ND(0.212)J4 J5	ND(0.212)J4	ND(0.212)J4	ND(0.0530)	ND(0.0530)	ND(0.212)J4 J5	ND(0.0530)	ND(0.0530)	ND(0.0530)	ND(0.0530)	ND(0.0530)	ND(0.212)J4	ND(0.212)J4	ND(0.0530)	ND(0.0530)	ND(0.0530)T8
Dimethoate	ug/L	6.67	ND(0.240)	ND(0.240)	ND(0.240)	ND(0.105)	ND(0.240)	ND(0.240)	ND(0.105)	ND(0.105)J3	ND(0.105)	ND(0.105)J3	ND(0.105)J3	ND(0.240)	ND(0.240)	ND(0.105)	ND(0.240)	ND(0.240)	ND(0.240)	ND(0.240)	ND(0.240)	ND(0.105)J3	ND(0.105)J3	ND(0.240)	ND(0.240)	ND(0.240)T8
Disulfoton	ug/L	1.33	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.277)J4	ND(0.100)	ND(0.100)	ND(0.277)J4	ND(0.277)	ND(0.277)	ND(0.277)	ND(0.277)	ND(0.100)	ND(0.100)	ND(0.277)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.277)	ND(0.277)	ND(0.100)	ND(0.100)	ND(0.100)T8
EPN	ug/L	0.334	ND(0.190)	ND(0.190)	ND(0.190)	ND(0.261)	ND(0.190)	ND(0.190)	ND(0.261)	ND(0.261)J4	ND(0.261)J4 J5	ND(0.261)J4	ND(0.261)J4	ND(0.190)	ND(0.190)	ND(0.261)J4	ND(0.190)	ND(0.190)	ND(0.190)	ND(0.190)	ND(0.190)	ND(0.261)J4	ND(0.261)J4	ND(0.190)	ND(0.190)	ND(0.190)T8
Ethoprop	ug/L	--	ND(0.102)	ND(0.102)	ND(0.102)	ND(0.354)J4	ND(0.102)	ND(0.102)	ND(0.354)J4	ND(0.354)J4	ND(0.354)J4 J5	ND(0.354)J4	ND(0.354)J4	ND(0.102)	ND(0.102)	ND(0.354)J4 J5	ND(0.102)	ND(0.102)	ND(0.102)	ND(0.102)	ND(0.102)	ND(0.354)J4	ND(0.354)J4	ND(0.102)	ND(0.102)	ND(0.102)T8
Ethyl Parathion	ug/L	6.67	ND(0.144)	ND(0.144)	ND(0.144)	ND(0.292)	ND(0.144)	ND(0.144)	ND(0.292)	ND(0.292)J4	ND(0.292)J4 J5	ND(0.292)J4	ND(0.292)J4	ND(0.144)	ND(0.144)	ND(0.292)J4 J5	ND(0.144)	ND(0.144)	ND(0.144)	ND(0.144)	ND(0.144)	ND(0.292)J4	ND(0.292)J4	ND(0.144)	ND(0.144)	ND(0.144)T8
Fensulfothion	ug/L	--	ND(0.332)	ND(0.332)	ND(0.332)	ND(0.130)	ND(0.332)	ND(0.332)	ND(0.130)	ND(0.130)	ND(0.130)	ND(0.130)	ND(0.130)	ND(0.332)	ND(0.332)	ND(0.130)	ND(0.332)	ND(0.332)	ND(0.332)	ND(0.332)	ND(0.332)	ND(0.130)	ND(0.130)	ND(0.332)	ND(0.332)	ND(0.332)T8
Fenthion	ug/L	--	ND(0.0750)	ND(0.0750)	ND(0.0750)	ND(0.266)	ND(0.0750)	ND(0.0750)	ND(0.266)	ND(0.266)J4	ND(0.266)J4 J5	ND(0.266)J4	ND(0.266)J4	ND(0.0750)	ND(0.0750)	ND(0.266)J4 J5	ND(0.0750)	ND(0.0750)	ND(0.0750)	ND(0.0750)	ND(0.0750)	ND(0.266)J4	ND(0.266)J4	ND(0.0750)	ND(0.0750)	ND(0.0750)T8
Malathion	ug/L	667	ND(0.116)	ND(0.116)	ND(0.116)	ND(0.173)	ND(0.116)	ND(0.116)	ND(0.173)	ND(0.173)	ND(0.173)	ND(0.173)	ND(0.173)	ND(0.116)	ND(0.116)	ND(0.173)J5	ND(0.116)	ND(0.116)	ND(0.116)	ND(0.116)	ND(0.116)	ND(0.173)	ND(0.173)	ND(0.116)	ND(0.116)	ND(0.116)T8
Merphos	ug/L	1	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.267)	ND(0.145)	ND(0.145)	ND(0.267)	ND(0.267)	ND(0.267)	ND(0.267)	ND(0.267)	ND(0.145)	ND(0.145)	ND(0.267)	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.267)	ND(0.267)	ND(0.145)	ND(0.145)	ND(0.145)T8
Methyl parathion	ug/L	8.34	ND(0.149)	ND(0.149)	ND(0.149)	ND(0.257)J4	ND(0.149)	ND(0.149)	ND(0.257)J4	ND(0.257)J4	ND(0.257)J4 J5	ND(0.257)J4	ND(0.257)J4	ND(0.149)	ND(0.149)	ND(0.257)J4 J5	ND(0.149)	ND(0.149)	ND(0.149)	ND(0.149)	ND(0.149)	ND(0.257)J4	ND(0.257)J4	ND(0.149)	ND(0.149)	ND(0.149)T8
Mevinphos	ug/L	--	ND(0.128)	ND(0.128)	ND(0.128)	ND(0.118)	ND(0.128)	ND(0.128)	ND(0.118)	ND(0.118)	ND(0.118)	ND(0.118)	ND(0.118)	ND(0.128)	ND(0.128)	ND(0.118)	ND(0.128)	ND(0.128)	ND(0.128)	ND(0.128)	ND(0.128)	ND(0.118)	ND(0.118)	ND(0.128)	ND(0.128)	ND(0.128)T8
Naled	ug/L	66.7	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.289)	ND(0.145)	ND(0.145)	ND(0.289)	ND(0.289)	ND(0.289)	ND(0.289)	ND(0.289)	ND(0.145)	ND(0.145)	ND(0.289)	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.145)	ND(0.289)	ND(0.289)	ND(0.145)	ND(0.145)	ND(0.145)T8
Phorate	ug/L	6.67	ND(0.115)	ND(0.115)	ND(0.115)	ND(0.282)J4	ND(0.115)	ND(0.115)	ND(0.282)J4	ND(0.282)J4	ND(0.282)J4 J5	ND(0.282)J4	ND(0.282)J4	ND(0.115)	ND(0.115)	ND(0.282)J4 J5	ND(0.115)	ND(0.115)	ND(0.115)	ND(0.115)	ND(0.115)	ND(0.282)J4	ND(0.282)J4	ND(0.115)	ND(0.115)	ND(0.115)T8
Ronnel	ug/L	1,670	ND(0.0990)	ND(0.0990)	ND(0.0990)	ND(0.252)	ND(0.0990)	ND(0.0990)	ND(0.252)	ND(0.252)J4	ND(0.252)J4 J5	ND(0.252)J4	ND(0.252)J4	ND(0.0990)	ND(0.0990)	ND(0.252)J4 J5	ND(0.0990)	ND(0.0990)	ND(0.0990)	ND(0.0990)	ND(0.0990)	ND(0.252)J4	ND(0.252)J4	ND(0.0990)	ND(0.0990)	ND(0.0990)T8
Stirophos	ug/L	2.8	ND(0.117)	ND(0.117)	ND(0.117)	ND(0.226)	ND(0.117)	ND(0.117)	ND(0.226)	ND(0.226)J4	ND(0.226)J4	ND(0.226)J4	ND(0.226)J4	ND(0.117)	ND(0.117)	ND(0.226)J4	ND(0.117)	ND(0.117)	ND(0.117)	ND(0.117)	ND(0.117)	ND(0.226)J4	ND(0.226)J4	ND(0.117)	ND(0.117)	ND(0.117)T8
Sulfotep	ug/L	16.7	ND(0.0970)	ND(0.0970)	ND(0.0970)	ND(0.202)	ND(0.0970)	ND(0.0970)	ND(0.202)	ND(0.202)J4	ND(0.202)J4 J5	ND(0.202)J4	ND(0.202)J4	ND(0.0970)	ND(0.0970)	ND(0.202)J4 J5	ND(0.0970)	ND(0.0970)	ND(0.0970)	ND(0.0970)	ND(0.0970)	ND(0.202)J4	ND(0.202)J4	ND(0.0970)	ND(0.0970)	ND(0.0970)T8
TEPP	ug/L	--	ND(0.487)	ND(0.487)	ND(0.487)	ND(9.74)	ND(0.487)	ND(0.487)	ND(9.74)	ND(9.74)J3	ND(9.74)	ND(9.74)J3	ND(9.74)J3	ND(0.487)	ND(0.487)	ND(9.74)	ND(0.487)	ND(0.487)	ND(0.487)	ND(0.487)	ND(0.487)	ND(9.74)J3	ND(9.74)J3	ND(0.487)	ND(0.487)	ND(0.487)T8
Tokuthion (Prothiofos)	ug/L	--	ND(0.118)	ND(0.118)	ND(0.118)	ND(0.254)	ND(0.118)	ND(0.118)	ND(0.254)	ND(0.254)J4	ND(0.254)J4 J5	ND(0.254)J4	ND(0.254)J4	ND(0.118)	ND(0.118)	ND(0.254)J4 J5	ND(0.118)	ND(0.118)	ND(0.118)	ND(0.118)	ND(0.118)	ND(0.254)J4	ND(0.254)J4	ND(0.118)	ND(0.118)	ND(0.118)T8
Trichloronate	ug/L	--	ND(0.119)	ND(0.119)	ND(0.119)	ND(0.213)	ND(0.119)	ND(0.119)	ND(0.213)	ND(0.213)J4	ND(0.213)J4 J5	ND(0.213)J4	ND(0.213)J4	ND(0.119)	ND(0.119)	ND(0.213)J4 J5	ND(0.119)	ND(0.119)	ND(0.119)	ND(0.119)	ND(0.119)	ND(0.213)J4	ND(0.213)J4	ND(0.119)	ND(0.119)	ND(0.119)T8
Total-Uranium	ug/L	100	**2.33**	**0.0870**	**2.67**	**2.44**	**0.363**	**2.63**	**2.12**	**0.614**	**0.471**	**2.17**	**2.29**	**1.44**	**1.31**	**2.03**	**4.47**	**0.581**	**3.42**	**1.47**	**1.94**	**2.17**	**2.18**	**2.03**	**2.37**	**2.34**

Notes:

Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of Thorium-228, Thorium-230, and Thorium-232 which can be found in Appendix E of the report, "User's Guide and Background Technical Document for the Nevada Division of Environmental Protection Basic Comparison levels for Human Health for the BMI Complex and Common Areas" dated July 2017.

B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits

F2 - MS/MSD RPD exceeds control limits
G - The Sample MDC is greater than the requested RL.
H - Sample was prepped or analyzed beyond the specified holding time
HF - Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

ID - Analyte identified by RT & presence of single mass ion

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

J3 - The associated batch QC was outside the established quality control range for precision.
J4 - The associated batch QC was outside the established quality control range for accuracy
J5 - The sample matrix interfered with the ability to make any accurate determination; spike value is high
q - The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

T8 - Sample(s) received past/too close to holding time expiration.
^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
MS/MSD - Matrix Spike/Matrix Spike Duplicate
ug/L - microgram per liter
pg/L - picogram per liter
pCi/L - picocurie per liter
ND (0.25) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RT - retention time
U - Result is less than the sample detection limit.
VOCs - Volatile Organic Compounds

Monitoring Well Groundwater Analytical Results

Analyte	Units	BCL[a]	M-251		M-252	
			60'	100'	150'	150'DUP
Hexavalent chromium	mg/L	0.000134	NA	NA	**0.039**	**0.037**
Chromium	mg/L	--	**1.1**	**89**	**0.037**	**0.035**
Total Dissolved Solids	mg/L	--	**2,300**	**46,000**	**620**	**610**
VOCs						
Chlorate	mg/L	1	**240**	**21,000**	**16**	**15**
Manganese	mg/L	0.801	ND(0.015)	ND(0.075)	ND(0.015)	ND(0.015)
Nitrate as N	mg/L	53.4	**1.4**	**65**	**1.3**	**1.3**
Sulfate	mg/L	--	**830**	**1,100**	**170**	**170**
Phosphorus, Total	mg/L	0.000667	ND(0.025)	**0.036J F1**	**0.035J**	ND(0.025)
Aluminum, Dissolved	mg/L	0.05	**1.2**	ND(0.25)	ND(0.050)	ND(0.050)
Barium, Dissolved	mg/L	2	**0.018**	**0.27**	**0.019**	**0.019**
Boron, Dissolved	mg/L	6.67	**1.0**	**1.5**	**0.88**	**0.87**
Cadmium, Dissolved	mg/L	0.005	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.0025)
Chromium, Dissolved	mg/L	--	**1.0**	**93**	**0.039**	**0.039**
Cobalt, Dissolved	mg/L	0.01	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)
Copper, Dissolved	mg/L	1.33	**0.012**	ND(0.025)	ND(0.0050)	ND(0.0050)
Iron, Dissolved	mg/L	23.4	ND(0.050)	ND(0.25)F1	ND(0.050)	ND(0.050)
Lead, Dissolved	mg/L	--	ND(0.0038)	ND(0.019)	ND(0.0038)	ND(0.0038)
Magnesium, Dissolved	mg/L	189	**0.080**	**610**	**17**	**17**
Manganese, Dissolved	mg/L	0.801	ND(0.015)	ND(0.075)	ND(0.015)	ND(0.015)
Molybdenum, Dissolved	mg/L	0.167	**0.022**	ND(0.050)	ND(0.010)	ND(0.010)
Nickel, Dissolved	mg/L	0.667	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)
Silicon, Dissolved	mg/L	--	**21**	**4.6**	**6.7**	**6.7**
Silver, Dissolved	mg/L	0.167	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.0050)
Strontium, Dissolved	mg/L	20	**0.55**	**55**	**1.2**	**1.2**
Tungsten, Dissolved	mg/L	0.0267	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)
Zinc, Dissolved	mg/L	10	ND(0.012)	ND(0.060)	ND(0.012)	**0.013J**
Zirconium, Dissolved	mg/L	0.00267	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)
Arsenic, Dissolved	mg/L	0.01	**0.038J**	ND(0.20)	**0.019J**	**0.019J**
Niobium, Dissolved	mg/L	0.00334	ND(0.050)* ^	ND(0.50)* ^	ND(0.025)^	ND(0.025)^
Palladium, Dissolved	mg/L	--	ND(0.0010)	ND(0.010)F1	ND(0.00050)	ND(0.00050)
Antimony, Dissolved	mg/L	0.006	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Selenium, Dissolved	mg/L	0.167	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Thallium, Dissolved	mg/L	0.000334	ND(0.0045)	ND(0.045)	ND(0.0023)	ND(0.0023)
Carbonate as CO3	mg/L	--	**66**	ND(2.4)	**3.4**	ND(2.4)
Chlorite	mg/L	1	ND(0.20)	ND(10)	ND(0.050)	ND(0.050)
Total Kjeldahl Nitrogen	mg/L	--	ND(0.10)	ND(1.0)F1	ND(0.10)	ND(0.10)
Calcium	mg/L	--	**25**	**1,800**	**27**	**26**
Beryllium, Dissolved	mg/L	0.004	ND(0.0010)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Iron	mg/L	23.4	ND(0.050)	ND(0.25)	ND(0.050)	ND(0.050)
Magnesium	mg/L	189	**0.091**	**590**	**17B**	**16B**
Vanadium, Dissolved	mg/L	0.167	**0.090**	ND(0.025)	**0.014**	**0.014**
Methane (FID)	mg/L	--	**0.0011**	**0.00046J**	ND(0.00025)	ND(0.00025)
Alkalinity as CaCO3	mg/L	--	**370**	**120**	**69**	**71**
Bicarbonate ion as HCO3	mg/L	--	ND(4.8)	**150**	**77**	**82**
Hydroxide as OH	mg/L	--	**87**	ND(1.4)	ND(1.4)	ND(1.4)
Hardness, as CaCO3	mg/L	--	**62**	**7,000**	**140**	**130**
Ferric Iron	mg/L	--	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Ferrous Iron	mg/L	--	ND(0.10)HF	ND(0.10)HF	ND(0.10)HF	ND(0.10)HF
Total Sulfide	mg/L	--	ND(0.027)	**0.037J F1**	ND(0.027)	ND(0.027)
Total Organic Carbon	mg/L	--	**3.5**	**1.5**	ND(0.65)	ND(0.65)
Acetic acid	mg/L	--	ND(2.9)	ND(2.9)F1	ND(1.5)	ND(1.5)
Formic-acid	mg/L	0.000626	ND(2.6)	ND(2.6)F1	ND(1.3)	ND(1.3)
Lactic acid	mg/L	--	ND(3.1)	ND(3.1)F1	ND(1.6)	ND(1.6)
n-Butyric Acid	mg/L	--	ND(2.6)	ND(2.6)	ND(1.3)	ND(1.3)
Propionic acid	mg/L	--	ND(3.5)	ND(3.5)F1	ND(1.8)	ND(1.8)
Pyruvic Acid	mg/L	--	ND(3.7)	ND(19)F1	ND(1.9)	ND(1.9)

Notes:
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Yellow cells indicate an exceedance of the BCL
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a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of aluminum (dissolved) which was re-calculated based on risk-based concentrations, in accordance with NDEP guidance.
B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits
H - Sample was prepped or analyzed beyond the specified holding time
HF - Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
ID - Analyte identified by RT & presence of single mass ion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
MS/MSD - Matrix Spike/Matrix Spike Duplicate
mg/L - milligram per liter
ND (0.25) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RT - retention time
VOCs - Volatile Organic Compounds

Appendix G
BCL Exceedance Summary Tables

Appendix G
BCL Exceedance Summary Table
Groundwater Samples

Analyte	Units	BCL[a]	BCL Exceedances	Total Number of Samples Analyzed	Frequency of Exceedance
1,1,1,2-Tetrachloroethane	mg/L	0.000587	0	318	0%
1,1,1-Trichloroethane	mg/L	9.02	0	318	0%
1,1,2,2-Tetrachloroethane	mg/L	0.0000752	0	318	0%
1,1,2-Trichloroethane	mg/L	0.00027	0	318	0%
1,1-Dichloroethane	mg/L	0.0027	0	318	0%
1,1-Dichloroethene	mg/L	0.334	0	342	0%
1,1-Dichloropropene	mg/L	--	0	342	0%
1,2,3,4,6,7,8-HpCDD	pg/L	--	0	24	0%
1,2,3,4,6,7,8-HpCDF	pg/L	--	0	24	0%
1,2,3,4,7,8,9-HpCDF	pg/L	--	0	24	0%
1,2,3,4,7,8-HxCDD	pg/L	--	0	24	0%
1,2,3,4,7,8-HxCDF	pg/L	--	0	24	0%
1,2,3,6,7,8-HxCDD	pg/L	--	0	24	0%
1,2,3,6,7,8-HxCDF	pg/L	--	0	24	0%
1,2,3,7,8,9-HxCDD	pg/L	--	0	24	0%
1,2,3,7,8,9-HxCDF	pg/L	--	0	24	0%
1,2,3,7,8-PeCDD	pg/L	--	0	24	0%
1,2,3,7,8-PeCDF	pg/L	--	0	24	0%
1,2,3-Trichlorobenzene	mg/L	0.0267	0	342	0%
1,2,3-Trichloropropane	mg/L	0.00000224	14	342	4%
1,2,4-Trichlorobenzene	mg/L	0.00232	0	318	0%
1,2,4-Trimethylbenzene	mg/L	0.0146	0	342	0%
1,2-Dibromo-3-Chloropropane	mg/L	0.000000926	0	318	0%
1,2-Dibromoethane (EDB)	mg/L	0.00000732	0	318	0%
1,2-Dichlorobenzene	mg/L	0.366	0	342	0%
1,2-Dichloroethane	mg/L	0.000167	0	342	0%
1,2-Dichloropropane	mg/L	0.000432	0	318	0%
1,3,5-Trimethylbenzene	mg/L	0.334	0	318	0%
1,3-Dichlorobenzene	mg/L	0.0807	0	318	0%
1,3-Dichloropropane	mg/L	0.667	0	318	0%
1,4-Dichlorobenzene	mg/L	0.0125	0	342	0%
1,4-Dioxane	mg/L	0.000672	1	24	4%
1-Methylnaphthalene	mg/L	0.00232	0	24	0%
2,2-Dichloropropane	mg/L	--	0	318	0%
2,3,4,6,7,8-HxCDF	pg/L	--	0	24	0%
2,3,4,7,8-PeCDF	pg/L	--	0	24	0%
2,3,7,8-TCDD	pg/L	0.517	0	24	0%
2,3,7,8-TCDF	pg/L	--	0	24	0%
2,4'-DDE	mg/L	0.000198[b]	0	24	0%
2-Butanone (MEK)	mg/L	6.86	0	342	0%
2-Chlorotoluene	mg/L	0.667	0	318	0%
2-Hexanone	mg/L	0.0455	0	318	0%
2-Methylnaphthalene	mg/L	0.133	0	24	0%
4,4'-DDE	mg/L	0.000198[b]	0	24	0%

Appendix G
BCL Exceedance Summary Table
Groundwater Samples

Analyte	Units	BCL[a]	BCL Exceedances	Total Number of Samples Analyzed	Frequency of Exceedance
4,4'-DDT	mg/L	0.000198[c]	0	24	0%
4-Chlorotoluene	mg/L	0.667	0	318	0%
4-Methyl-2-pentanone (MIBK)	mg/L	6.26	0	318	0%
Acenaphthylene	mg/L	--	0	24	0%
Acetic acid	mg/L	--	0	4	0%
Acetone	mg/L	20.5	0	318	0%
Alkalinity as CaCO3	mg/L	--	0	4	0%
alpha-BHC	mg/L	0.0000107	0	24	0%
Aluminum, Dissolved	mg/L	33.4	0	28	0%
Ammonia (as N)	mg/L	0.209	9	29	31%
Antimony, Dissolved	mg/L	0.006	0	28	0%
Aroclor 1260	mg/L	0.00000762	0	24	0%
Arsenic, Dissolved	mg/L	0.01	20	28	71%
Azinphos-Methyl	ug/L	100	0	24	0%
Barium, Dissolved	mg/L	2	0	28	0%
Benzene	mg/L	0.005	0	342	0%
Benzo[a]anthracene	mg/L	0.0000328	0	24	0%
Benzo[a]pyrene	mg/L	0.00000921	0	24	0%
Benzo[b]fluoranthene	mg/L	0.0000921	0	24	0%
Benzo[g,h,i]perylene	mg/L	1	0	24	0%
Beryllium, Dissolved	mg/L	0.004	0	4	0%
beta-BHC	mg/L	0.0000374	0	24	0%
Bicarbonate ion as HCO3	mg/L	--	0	4	0%
Bolstar (Sulprofos)	ug/L	--	0	24	0%
Boron, Dissolved	mg/L	6.67	0	28	0%
Bromide	mg/L	11.3	0	24	0%
Bromobenzene	mg/L	0.0852	0	318	0%
Bromochloromethane	mg/L	0.0834	0	318	0%
Bromodichloromethane	mg/L	0.000133	69	318	22%
Bromoform	mg/L	0.00319	1	318	0%
Bromomethane	mg/L	0.00853	0	318	0%
Cadmium, Dissolved	mg/L	0.005	0	28	0%
Calcium	mg/L	--	0	4	0%
Carbon tetrachloride	mg/L	0.000474	7	342	2%
Carbonate as CO3	mg/L	--	0	28	0%
Chlorate	mg/L	1	126	135	93%
Chloride	mg/L	--	0	24	0%
Chlorite	mg/L	1	0	4	0%
Chlorobenzene	mg/L	0.667	0	342	0%
Chloroethane	mg/L	20.9	0	318	0%
Chloroform	mg/L	0.000219	326	342	95%
Chloromethane	mg/L	0.188	0	318	0%
Chlorpyrifos	ug/L	33.4	0	24	0%
Chromium	mg/L	--	0	324	0%

Appendix G
BCL Exceedance Summary Table
Groundwater Samples

Analyte	Units	BCL[a]	BCL Exceedances	Total Number of Samples Analyzed	Frequency of Exceedance
Chromium, Dissolved	mg/L	--	0	28	0%
cis-1,2-Dichloroethene	mg/L	0.0667	0	318	0%
cis-1,3-Dichloropropene	mg/L	--	0	318	0%
Cobalt, Dissolved	mg/L	0.01	0	28	0%
Copper, Dissolved	mg/L	1.33	0	28	0%
Coumaphos	ug/L	--	0	24	0%
Demeton,-O and -S	ug/L	1.33	0	24	0%
Diazinon	ug/L	23.4	0	24	0%
Dibromochloromethane	mg/L	0.0008	3	318	1%
Dibromomethane	mg/L	--	0	318	0%
Dichlorodifluoromethane	mg/L	0.202	0	318	0%
Dichlorvos	ug/L	0.232	0	24	0%
Dieldrin	mg/L	0.0000042	0	24	0%
Dimethoate	ug/L	6.67	0	24	0%
Dimethyl phthalate	mg/L	334	0	24	0%
Disulfoton	ug/L	1.33	0	24	0%
DRO (C13-C22)	mg/L	--	0	24	0%
Endosulfan I	mg/L	0.2	0	24	0%
Endosulfan sulfate	mg/L	--	0	24	0%
Endrin ketone	mg/L	--	0	24	0%
EPN	ug/L	0.334	0	24	0%
Ethoprop	ug/L	--	0	24	0%
Ethyl Parathion	ug/L	--	0	24	0%
Ethylbenzene	mg/L	0.00611	0	318	0%
Ethyl-t-butyl ether (ETBE)	mg/L	--	0	342	0%
Fensulfothion	ug/L	--	0	24	0%
Fenthion	ug/L	--	0	24	0%
Ferric Iron	mg/L	--	0	4	0%
Ferrous Iron	mg/L	--	0	4	0%
Formaldehyde	mg/L	0.000432	4	24	17%
Formic-acid	mg/L	0.000626	0	4	0%
gamma-BHC (Lindane)	mg/L	0.0000611	0	24	0%
GRO (C4-C12)	mg/L	--	0	24	0%
Hardness, as CaCO3	mg/L	--	0	4	0%
Hexachlorobenzene	mg/L	0.00000946	0	24	0%
Hexachlorobutadiene	mg/L	0.000197	0	318	0%
Hexavalent chromium	mg/L	0.000134	337	346	97%
Hydroxide as OH	mg/L	--	0	4	0%
Indeno[1,2,3-cd]pyrene	mg/L	0.0000921	0	24	0%
Iron	mg/L	23.4	0	4	0%
Iron, Dissolved	mg/L	23.4	0	28	0%
Isopropyl Ether (DIPE)	mg/L	1.46	0	318	0%
Isopropylbenzene	mg/L	--	0	318	0%
Lactic acid	mg/L	--	0	4	0%

Appendix G
BCL Exceedance Summary Table
Groundwater Samples

Analyte	Units	BCL[a]	BCL Exceedances	Total Number of Samples Analyzed	Frequency of Exceedance
Lead, Dissolved	mg/L	--	0	28	0%
m,p-Xylene	mg/L	0.202[d]	0	318	0%
Magnesium	mg/L	189	1	4	25%
Magnesium, Dissolved	mg/L	189	4	28	14%
Malathion	ug/L	667	0	24	0%
Manganese	mg/L	0.801	2	10	20%
Manganese, Dissolved	mg/L	0.801	0	28	0%
Mercury, Dissolved	mg/L	0.000626	0	24	0%
Merphos	ug/L	1	0	24	0%
Methane (FID)	mg/L	--	0	4	0%
Methyl parathion	ug/L	8.34	0	24	0%
Methylene Chloride	mg/L	0.0317	2	342	1%
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0137	0	318	0%
Mevinphos	ug/L	--	0	24	0%
Molybdenum, Dissolved	mg/L	0.167	0	28	0%
Naled	ug/L	66.7	0	24	0%
Naphthalene	mg/L	0.000165	10	318	3%
n-Butylbenzene	mg/L	1.67	0	318	0%
n-Butyric Acid	mg/L	--	0	4	0%
Nickel, Dissolved	mg/L	0.667	0	28	0%
Niobium, Dissolved	mg/L	0.00334	0	28	0%
Nitrate as N	mg/L	53.4	3	135	2%
Nitrite as N	mg/L	3.34	0	24	0%
N-Propylbenzene	mg/L	1.28	0	318	0%
OCDD	pg/L	--	0	24	0%
OCDF	pg/L	--	0	24	0%
Octachlorostyrene	mg/L	--	0	24	0%
ORO (C23-C40)	mg/L	--	0	24	0%
Orthophosphate as P	mg/L	--	0	24	0%
o-Xylene	mg/L	0.202	0	318	0%
Palladium, Dissolved	mg/L	--	0	28	0%
PCB-118	pg/L	3,940	0	24	0%
PCB-126	pg/L	1.15	0	24	0%
PCB-169	pg/L	3.94	0	24	0%
PCB-209	pg/L	--	0	24	0%
PCB-81	pg/L	394	0	24	0%
Perchlorate	mg/L	0.015	342	344	99%
Phenanthrene	mg/L	0.00622	0	24	0%
Phorate	ug/L	6.67	0	24	0%
Phosphorus, Total	mg/L	0.000667	20	28	71%
Phthalic acid	mg/L	66.7	0	24	0%
p-Isopropyltoluene	mg/L	0.834	0	318	0%
Polychlorinated biphenyls, Total	mg/L	0.00000762	0	24	0%
Propionic acid	mg/L	--	0	4	0%

Appendix G
BCL Exceedance Summary Table
Groundwater Samples

Analyte	Units	BCL[a]	BCL Exceedances	Total Number of Samples Analyzed	Frequency of Exceedance
Pyruvic Acid	mg/L	--	0	4	0%
Radium-226	pCi/L	--	0	24	0%
Radium-228	pCi/L	--	0	24	0%
Ronnel	ug/L	1,670	0	24	0%
sec-Butylbenzene	mg/L	3.34	0	318	0%
Selenium, Dissolved	mg/L	0.167	0	28	0%
Silicon, Dissolved	mg/L	--	0	28	0%
Silver, Dissolved	mg/L	0.167	0	28	0%
Stirophos	ug/L	2.8	0	24	0%
Strontium, Dissolved	mg/L	20	4	28	14%
Styrene	mg/L	1.59	0	318	0%
Sulfate	mg/L	--	0	135	0%
Sulfotep	ug/L	16.7	0	24	0%
Sulfur, Dissolved	mg/L	--	0	24	0%
TEPP	ug/L	--	0	24	0%
Tert-amyl-methyl ether (TAME)	mg/L	--	0	318	0%
tert-Butyl alcohol (TBA)	mg/L	62.6	0	318	0%
tert-Butylbenzene	mg/L	3.34	0	318	0%
Tetrachloroethene (PCE)	mg/L	0.0129	0	342	0%
Thallium, Dissolved	mg/L	0.000334	0	28	0%
Thorium-228	pCi/L	0.14	8	24	33%
Thorium-230	pCi/L	0.05	21	24	88%
Thorium-232	pCi/L	0.17	0	24	0%
Tokuthion (Prothothiofos)	ug/L	--	0	24	0%
Toluene	mg/L	2.13	0	318	0%
Total Dissolved Solids	mg/L	--	0	347	0%
Total HpCDD	pg/L	--	0	24	0%
Total HpCDF	pg/L	--	0	24	0%
Total HxCDD	pg/L	--	0	24	0%
Total HxCDF	pg/L	--	0	24	0%
Total Kjeldahl Nitrogen	mg/L	--	0	4	0%
Total Organic Carbon	mg/L	--	0	4	0%
Total PeCDD	pg/L	--	0	24	0%
Total PeCDF	pg/L	--	0	24	0%
Total Sulfide	mg/L	--	0	4	0%
Total TCDD	pg/L	--	0	24	0%
Total TCDF	pg/L	--	0	24	0%
Total-Uranium	ug/L	100	0	24	0%
trans-1,2-Dichloroethene	mg/L	0.667	0	318	0%
trans-1,3-Dichloropropene	mg/L	--	0	318	0%
Trichloroethene	mg/L	0.000707	1	342	0%
Trichlorofluoromethane	mg/L	10	0	318	0%
Trichloronate	ug/L	--	0	24	0%
Tungsten, Dissolved	mg/L	0.0267	0	28	0%

Appendix G
BCL Exceedance Summary Table
Groundwater Samples

Analyte	Units	BCL[a]	BCL Exceedances	Total Number of Samples Analyzed	Frequency of Exceedance
Uranium-233/234	pCi/L	--	0	24	0%
Uranium-235/236	pCi/L	--	0	24	0%
Uranium-238	pCi/L	--	0	24	0%
Vanadium, Dissolved	mg/L	0.167	0	4	0%
Vinyl chloride	mg/L	0.000087	0	318	0%
Xylenes, Total	mg/L	0.202	0	318	0%
Zinc, Dissolved	mg/L	10	0	28	0%
Zirconium, Dissolved	mg/L	0.00267	0	28	0%

Notes:

a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate, aluminum (dissolved), iron, and manganese. The perchlorate screening levels are based on the Interim Drinking Water Health Advisory and Federal PRG for perchlorate (December 2008). Aluminum (dissolved), iron, and manganese were re-calculated based on risk-based concentrations (respective 2017 groundwater BCLs), in accordance with NDEP guidance. Thorium-228, thorium-230, thorium-232 can be found in Appendix E of the report, "User's Guide and Background Technical Document for the Nevada Division of Environmental Protection Basic Comparison levels for Human Health for the BMI Complex and Common Areas" dated July 2017.

b - The BCL listed is for total DDE

c - The BCL listed is for total DDT

d - The BCL for m-xylene is 0.202 mg/L and the BCL for p-xylene is 0.202 mg/L

BCL - Basic Comparison Level

mg/L - milligram per liter

-- - No BCL

Appendix G
BCL Exceedance Summary Table
Soil Samples

Analyte	LBCL (DAF 1)[a] mg/Kg	LBCL (DAF 20)[a] mg/Kg	RSL (DAF 1)[b] mg/Kg	RSL (DAF 20)[c] mg/Kg	LBCL (DAF 1) Exceedances	LBCL (DAF 20) Exceedances	RSL (DAF 1) Exceedances	RSL (DAF 20) Exceedances	Total number of samples analyzed	Frequency of Exceedance			
										LBCL (DAF 1) Exceedances	LBCL (DAF 20) Exceedances	RSL (DAF 1) Exceedances	RSL (DAF 20) Exceedances
Perchlorate	0.0155	0.31	--	--	1469	1251	0	0	1510	97%	83%	0%	0%
Ammonia (as N)	--	--	--	--	0	0	0	0	74	0%	0%	0%	0%
Hexavalent chromium	2	40	--	--	297	50	0	0	1510	20%	3%	0%	0%
Chromium	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,1,1,2-Tetrachloroethane	--	--	0.00022	0.0044	0	0	0	0	1510	0%	0%	0%	0%
1,1,1-Trichloroethane	0.1	2	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,1,2,2-Tetrachloroethane	0.0002	0.004	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,1,2-Trichloroethane	0.0009	0.018	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,1-Dichloroethane	1	20	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,1-Dichloroethene	0.003	0.06	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,1-Dichloropropene	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,2,3-Trichlorobenzene	--	--	0.021	0.42	0	0	0	0	1510	0%	0%	0%	0%
1,2,3-Trichloropropane	--	--	0.00000032	0.0000064	0	0	0	0	1510	0%	0%	0%	0%
1,2,4-Trichlorobenzene	0.3	6	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,2,4-Trimethylbenzene	--	--	0.081	1.62	0	0	0	0	1510	0%	0%	0%	0%
1,2-Dibromo-3-Chloropropane	--	--	0.00000014	0.0000028	0	0	0	0	1510	0%	0%	0%	0%
1,2-Dibromoethane (EDB)	--	--	0.0000021	0.000042	0	0	0	0	1510	0%	0%	0%	0%
1,2-Dichlorobenzene	0.9	18	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,2-Dichloroethane	0.001	0.02	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,2-Dichloropropane	0.001	0.02	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,3,5-Trimethylbenzene	--	--	0.087	1.74	0	0	0	0	1510	0%	0%	0%	0%
1,3-Dichlorobenzene	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,3-Dichloropropane	0.001	0.02	--	--	0	0	0	0	1510	0%	0%	0%	0%
1,4-Dichlorobenzene	0.1	2	--	--	0	0	0	0	1510	0%	0%	0%	0%
2,2-Dichloropropane	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
2-Butanone (MEK)	--	--	1.2	24	0	0	0	0	1510	0%	0%	0%	0%
2-Chlorotoluene	--	--	0.23	4.6	0	0	0	0	1510	0%	0%	0%	0%
2-Hexanone	--	--	0.0088	0.176	0	0	1	0	1510	0%	0%	0%	0%
4-Chlorotoluene	--	--	0.24	4.8	0	0	0	0	1510	0%	0%	0%	0%
4-Methyl-2-pentanone (MIBK)	--	--	1.4	28	0	0	0	0	1510	0%	0%	0%	0%
Acetone	0.8	16	--	--	4	0	0	0	1510	0%	0%	0%	0%
Benzene	0.002	0.04	--	--	0	0	0	0	1510	0%	0%	0%	0%
Bromobenzene	--	--	0.042	0.84	0	0	0	0	1510	0%	0%	0%	0%
Bromochloromethane	--	--	0.021	0.42	0	0	0	0	1510	0%	0%	0%	0%
Bromodichloromethane	0.03	0.6	--	--	0	0	0	0	1510	0%	0%	0%	0%
Bromoform	0.04	0.8	--	--	0	0	0	0	1510	0%	0%	0%	0%
Bromomethane	0.01	0.2	--	--	0	0	0	0	1510	0%	0%	0%	0%
Carbon tetrachloride	0.003	0.06	--	--	4	0	0	0	1510	0%	0%	0%	0%
Chlorate	1.03	20.6	--	--	307	183	0	0	411	75%	45%	0%	0%
Chlorobenzene	0.07	1.4	--	--	0	0	0	0	1510	0%	0%	0%	0%
Chloroethane	--	--	5.9	118	0	0	0	0	1510	0%	0%	0%	0%
Chloroform	0.03	0.6	--	--	299	51	0	0	1510	20%	3%	0%	0%
Chloromethane	--	--	0.049	0.98	0	0	0	0	1510	0%	0%	0%	0%
cis-1,2-Dichloroethene	0.02	0.4	--	--	0	0	0	0	1510	0%	0%	0%	0%
cis-1,3-Dichloropropene	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
Dibromochloromethane	0.02	0.4	--	--	0	0	0	0	1510	0%	0%	0%	0%
Dibromomethane	--	--	0.0021	0.042	0	0	0	0	1510	0%	0%	0%	0%
Dichlorodifluoromethane	--	--	0.3	6	0	0	0	0	1510	0%	0%	0%	0%
Ethylbenzene	0.7	14	--	--	0	0	0	0	1510	0%	0%	0%	0%
Ethyl-t-butyl ether (ETBE)	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
Hexachlorobutadiene	0.1	2	--	--	0	0	0	0	1510	0%	0%	0%	0%
Isopropyl Ether (DIPE)	--	--	0.37	7.4	0	0	0	0	1510	0%	0%	0%	0%
Isopropylbenzene	--	--	0.74	14.8	0	0	0	0	1510	0%	0%	0%	0%
m,p-Xylene	10[d]	200[e]	--	--	0	0	0	0	1510	0%	0%	0%	0%
Methylene Chloride	0.001	0.02	--	--	5	2	0	0	1510	0%	0%	0%	0%
Methyl-t-Butyl Ether (MTBE)	--	--	0.0032	0.064	0	0	0	0	1510	0%	0%	0%	0%
Naphthalene	4	80	--	--	0	0	0	0	1510	0%	0%	0%	0%
Nitrate as N	7	140	--	--	59	0	0	0	412	14%	0%	0%	0%
n-Butylbenzene	--	--	3.2	64	0	0	0	0	1510	0%	0%	0%	0%
N-Propylbenzene	--	--	1.2	24	0	0	0	0	1510	0%	0%	0%	0%
o-Xylene	9	180	--	--	0	0	0	0	1510	0%	0%	0%	0%
p-Isopropyltoluene	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
sec-Butylbenzene	--	--	5.9	118	0	0	0	0	1510	0%	0%	0%	0%

Appendix G
BCL Exceedance Summary Table
Soil Samples

Analyte	LBCL (DAF 1)[a] mg/Kg	LBCL (DAF 20)[a] mg/Kg	RSL (DAF 1)[b] mg/Kg	RSL (DAF 20)[c] mg/Kg	LBCL (DAF 1) Exceedances	LBCL (DAF 20) Exceedances	RSL (DAF 1) Exceedances	RSL (DAF 20) Exceedances	Total number of samples analyzed	Frequency of Exceedance			
										LBCL (DAF 1) Exceedances	LBCL (DAF 20) Exceedances	RSL (DAF 1) Exceedances	RSL (DAF 20) Exceedances
Styrene	0.2	4	--	--	0	0	0	0	1510	0%	0%	0%	0%
Sulfate	--	--	--	--	0	0	0	0	412	0%	0%	0%	0%
Tert-amyl-methyl ether (TAME)	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
tert-Butyl alcohol (TBA)	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
tert-Butylbenzene	--	--	1.6	32	0	0	0	0	1510	0%	0%	0%	0%
Tetrachloroethene	0.003	0.06	--	--	22	0	0	0	1510	1%	0%	0%	0%
Toluene	0.6	12	--	--	0	0	0	0	1510	0%	0%	0%	0%
trans-1,2-Dichloroethene	0.03	0.6	--	--	0	0	0	0	1510	0%	0%	0%	0%
trans-1,3-Dichloropropene	--	--	--	--	0	0	0	0	1510	0%	0%	0%	0%
Trichloroethene	0.003	0.06	--	--	21	1	0	0	1510	1%	0%	0%	0%
Trichlorofluoromethane	--	--	3.3	66	0	0	0	0	1510	0%	0%	0%	0%
Vinyl chloride	0.0007	0.014	--	--	0	0	0	0	1510	0%	0%	0%	0%
Xylenes, Total	10	200	--	--	0	0	0	0	1510	0%	0%	0%	0%
Arsenic	1	20	--	--	10	4	0	0	10	100%	40%	0%	0%
Iron	589	11,780	--	--	10	9	0	0	10	100%	90%	0%	0%
Manganese	52.2	1,044	--	--	62	4	0	0	62	100%	6%	0%	0%
Total Organic Carbon	--	--	--	--	0	0	0	0	10	0%	0%	0%	0%
Alkalinity as CaCO3	--	--	--	--	--	--	--	--	10	--	--	--	--
Bicarbonate ion as HCO3	--	--	--	--	--	--	--	--	10	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	10	--	--	--	--
Carbonate as CO3	--	--	--	--	--	--	--	--	10	--	--	--	--
Chloride	--	--	--	--	--	--	--	--	10	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	10	--	--	--	--
Nitrate as NO3	--	--	--	--	--	--	--	--	10	--	--	--	--
pH (SU)	--	--	--	--	--	--	--	--	10	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	10	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	10	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	10	--	--	--	--
Total Dissolved Solids	--	--	--	--	--	--	--	--	10	--	--	--	--

Notes:

If no LBCL value was available then RSL value was referenced.

a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated July 2017 with the exception of perchlorate and aluminum (dissolved). Perchlorate references the Interim Drinking Water Health Advisory and Federal PRG for perchlorate. Aluminum (dissolved) was re-calculated based on risk-based concentrations, in accordance with NDEP guidance.

b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=1.0) May 2019"

c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.

d - The DAF 1 LBCL is 10 mg/kg for m-xylene and 10 mg/kg for p-xylene

e - The DAF 20 LBCL is 200 mg/kg for m-xylene and 200 mg/kg for p-xylene

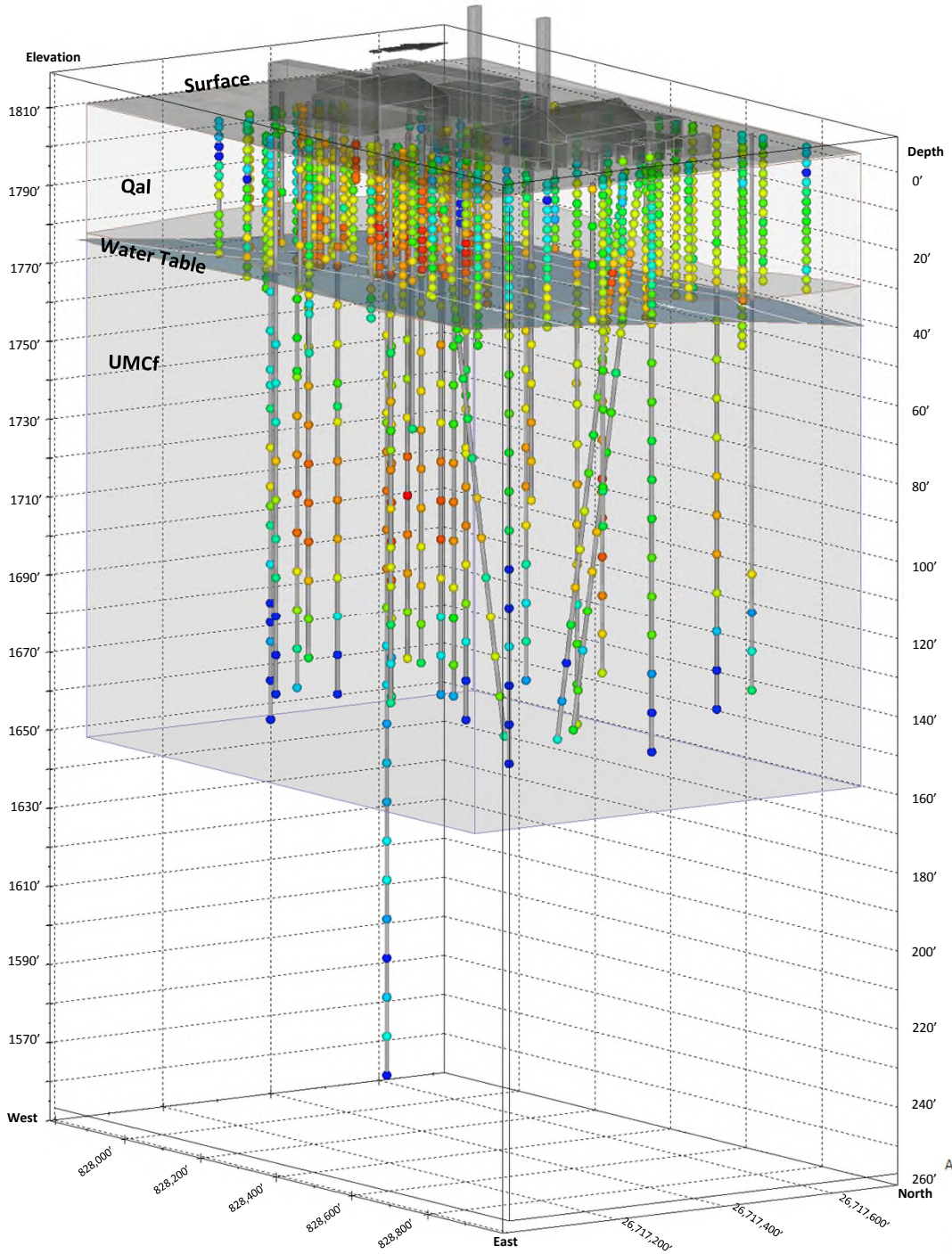
DAF - Dilution Attenuation Factor

LBCL - Leaching-based Basic Comparison Level

mg/Kg - milligram per kilogram

RSL - Regional Screening Level

Appendix H
Three-Dimensional Visualizations



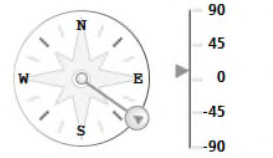
Concentration Scales

Soil Perchlorate

30,000 mg/kg
10,000 mg/kg
1,000 mg/kg
100 mg/kg
10 mg/kg
1 mg/kg
0.1 mg/kg
0.01 mg/kg
0.001 mg/kg

Soil Sample Interval and Concentration

Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored spheres show soil perchlorate concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

PERCHLORATE SOIL SAMPLE RESULTS

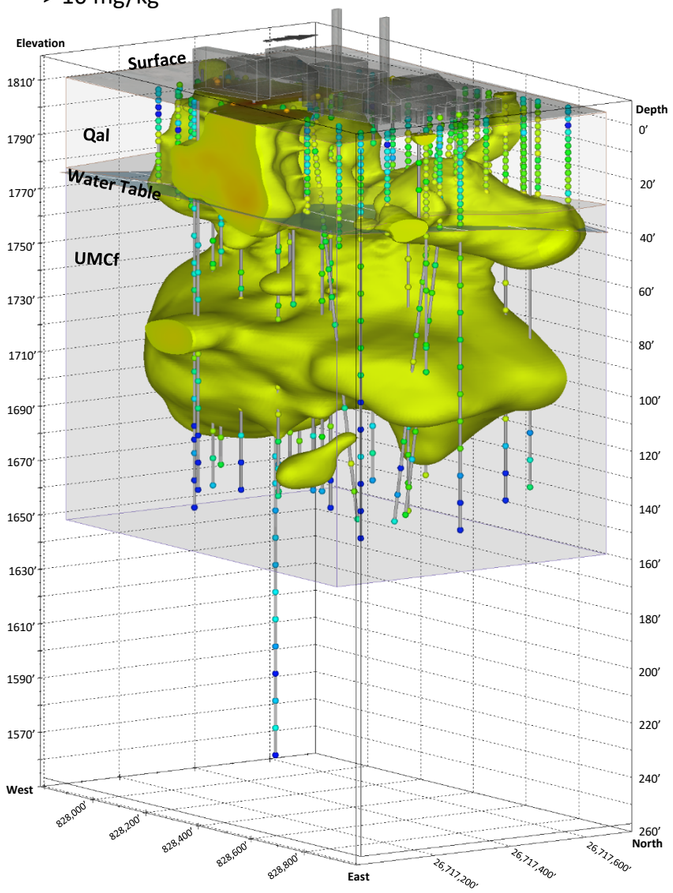
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.

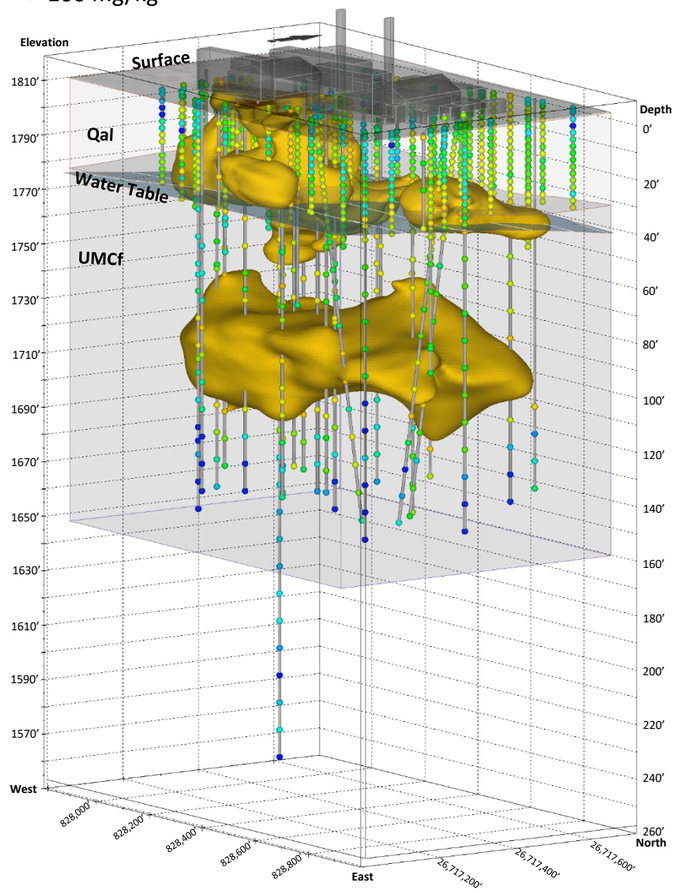
H-1

\\Tts134fs1\geosup\vol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-1 - Perchlorate Soil 3D Data

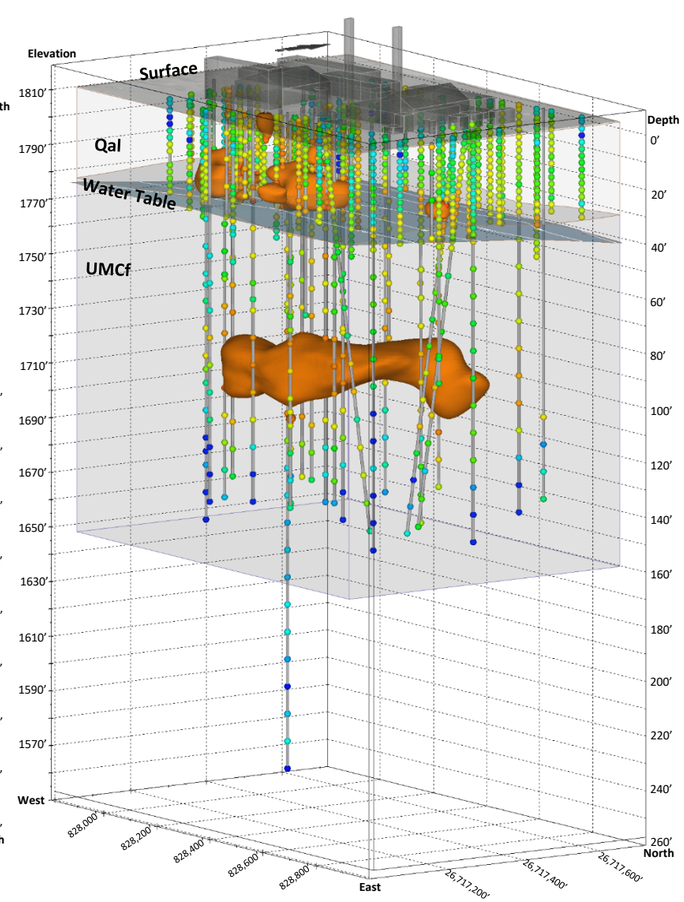
> 10 mg/kg



> 100 mg/kg

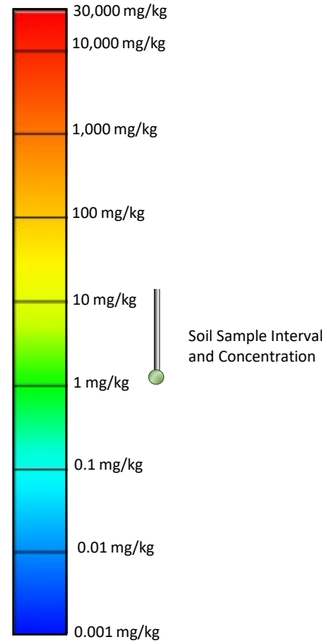


> 1,000 mg/kg

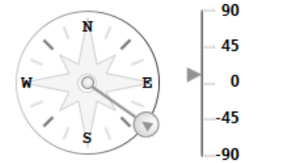


Concentration Scales

Soil Perchlorate



Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored spheres show soil perchlorate concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal(below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

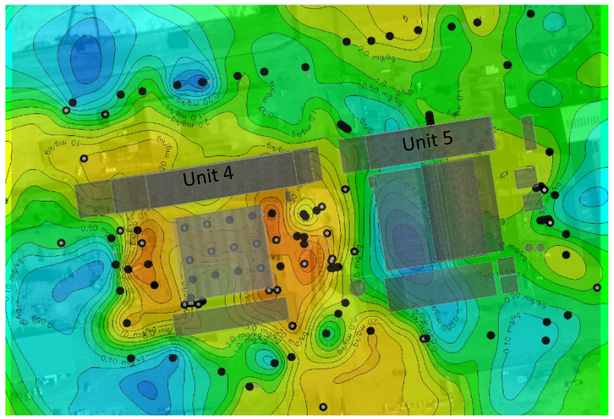
PERCHLORATE DISTRIBUTION IN SOIL

Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB

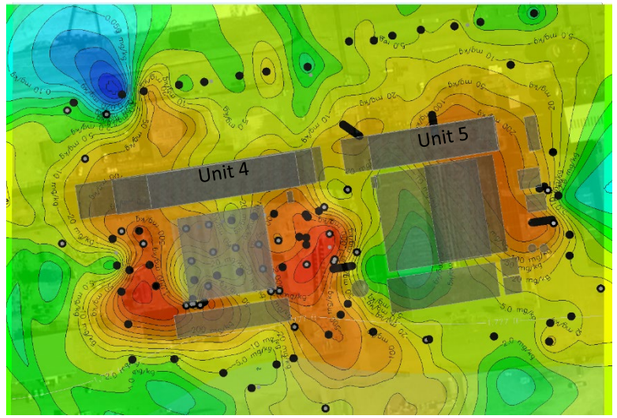
Figure No.
H-2

\\geos051fs1\GEOLVVOL1\PROJECTS\DATA\NERTM\02\February Meeting\Figures\Fig G-2 - Perchlorate Soil 3D Shells (11x17)

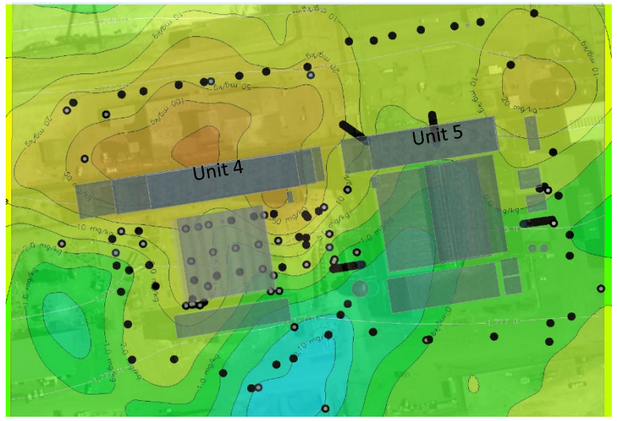
Horizontal Slice at 13’ bgs (1,800 feet amsl)



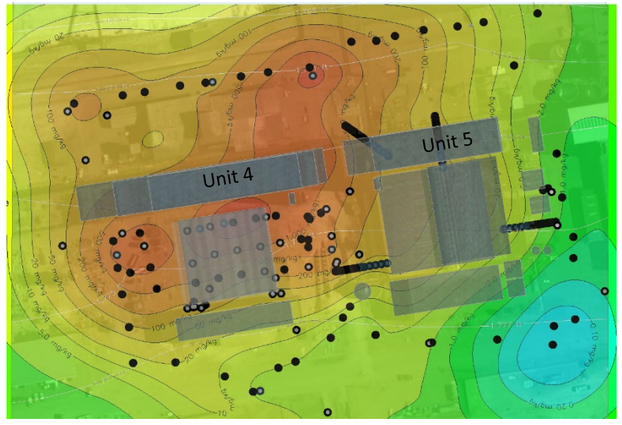
Horizontal Slice at 33’ bgs (1,780 feet amsl)



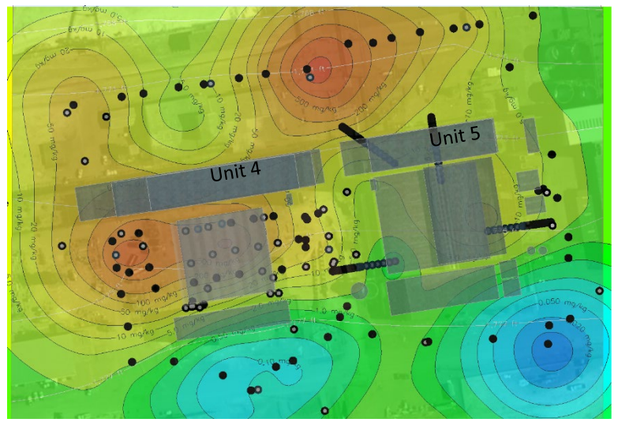
Horizontal Slice at 53’ bgs (1,760 feet amsl)



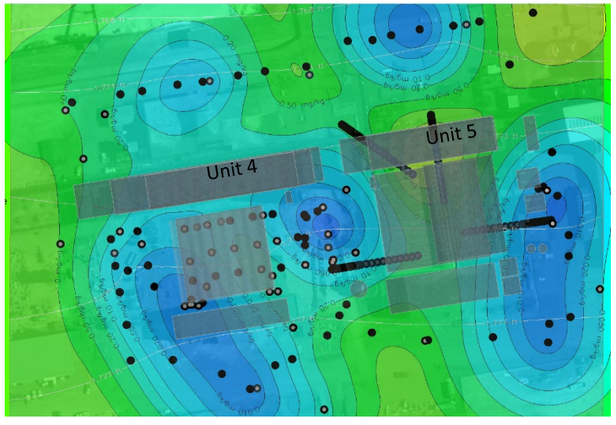
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)



Horizontal Slice at 153’ bgs (1,660 feet amsl)



Concentration Scales

Soil Perchlorate

- 30,000 mg/kg
- 10,000 mg/kg
- 1,000 mg/kg
- 100 mg/kg
- 10 mg/kg
- 1 mg/kg
- 0.1 mg/kg
- 0.01 mg/kg
- 0.001 mg/kg

● Borehole Location

N

0 270 540

Feet

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

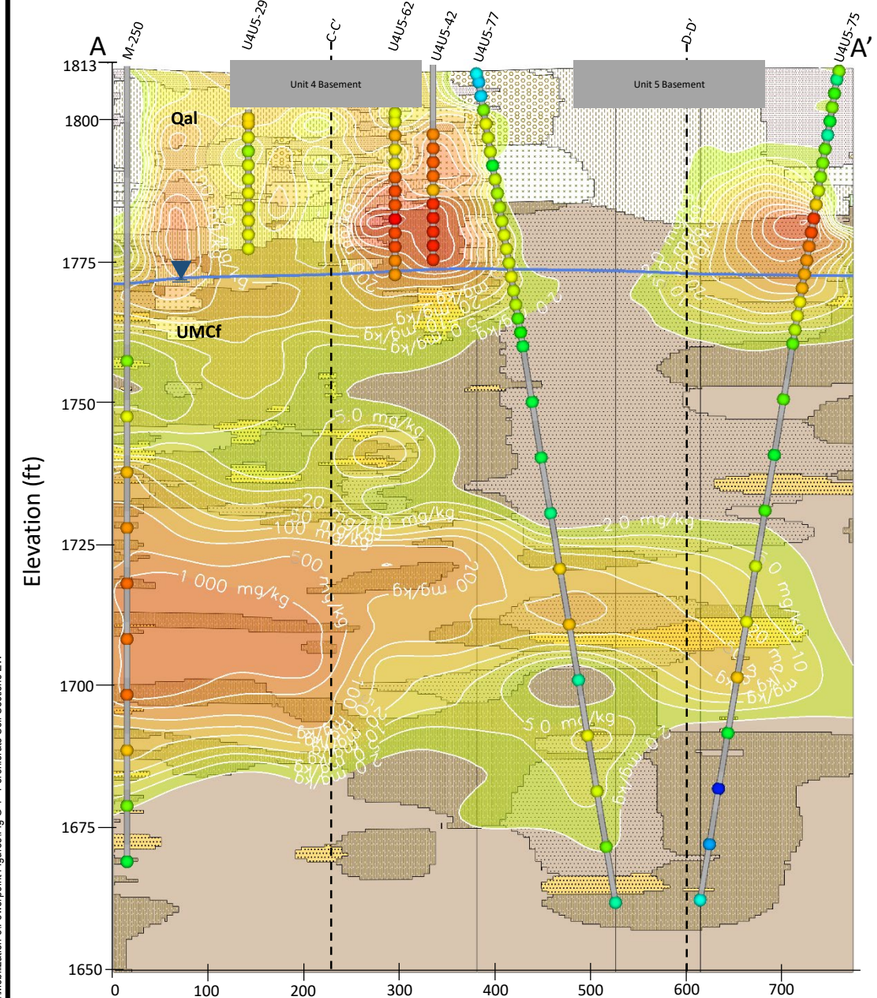
2D VISUALIZATION PLAN VIEW OF PERCHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB

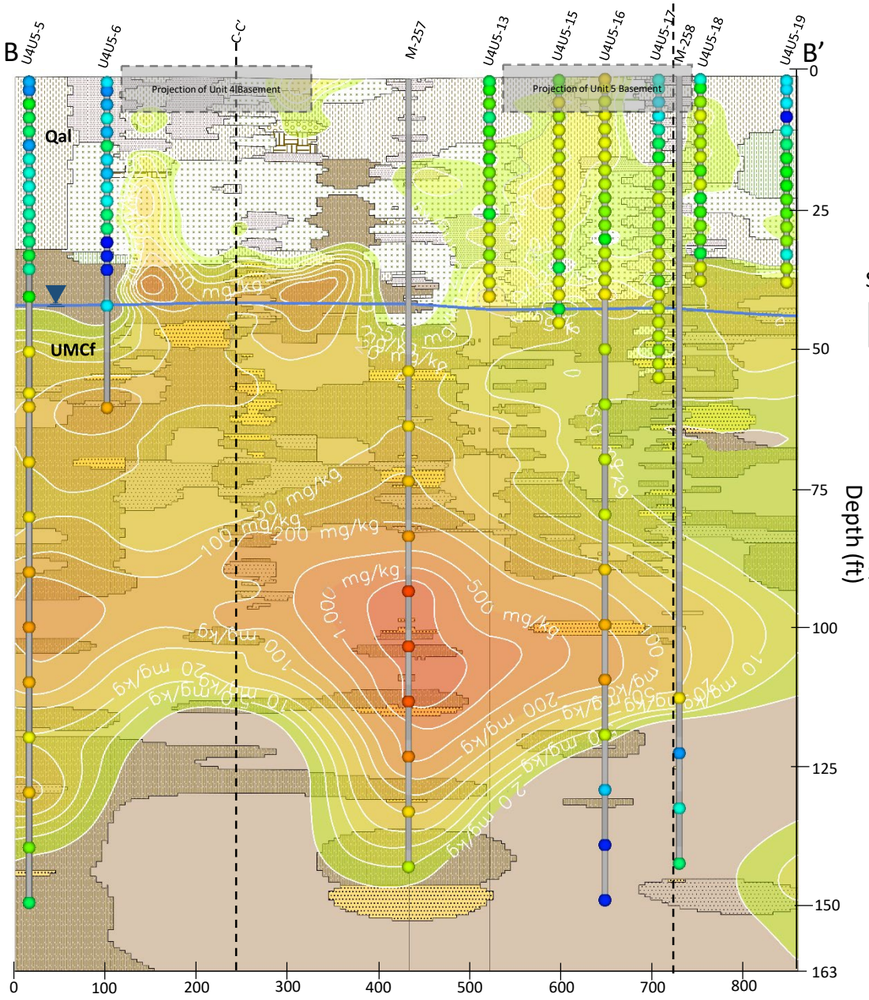
Figure No.
H-3

\\Tts134fs1\geosupvol1\PROJECTS\DATAINERTM\02\Mobilization 3\Powerpoint Figures\Fig G-3 - Perchlorate 2D Soil

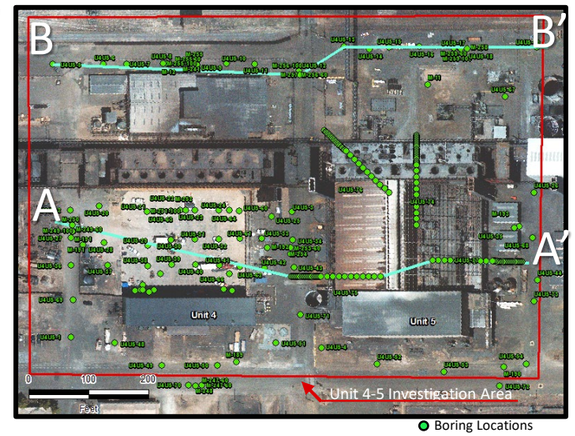
Through Units 4 and 5



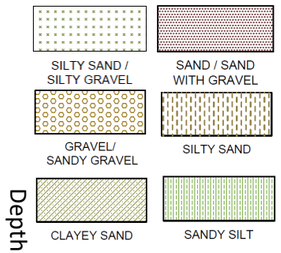
Downgradient (North)



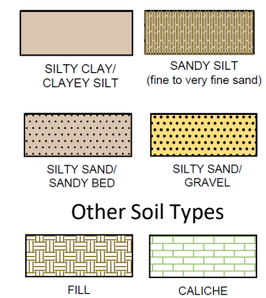
Cross-Section Locations



Soil Types in Alluvium (Qal)

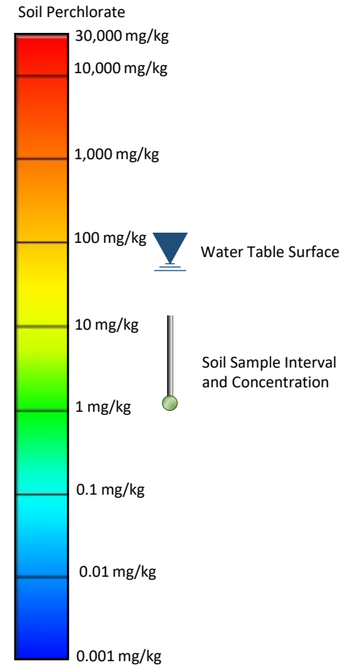


Soil Types in Upper Muddy Creek Fm (UMCf)



Other Soil Types

Concentration Scales



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil perchlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

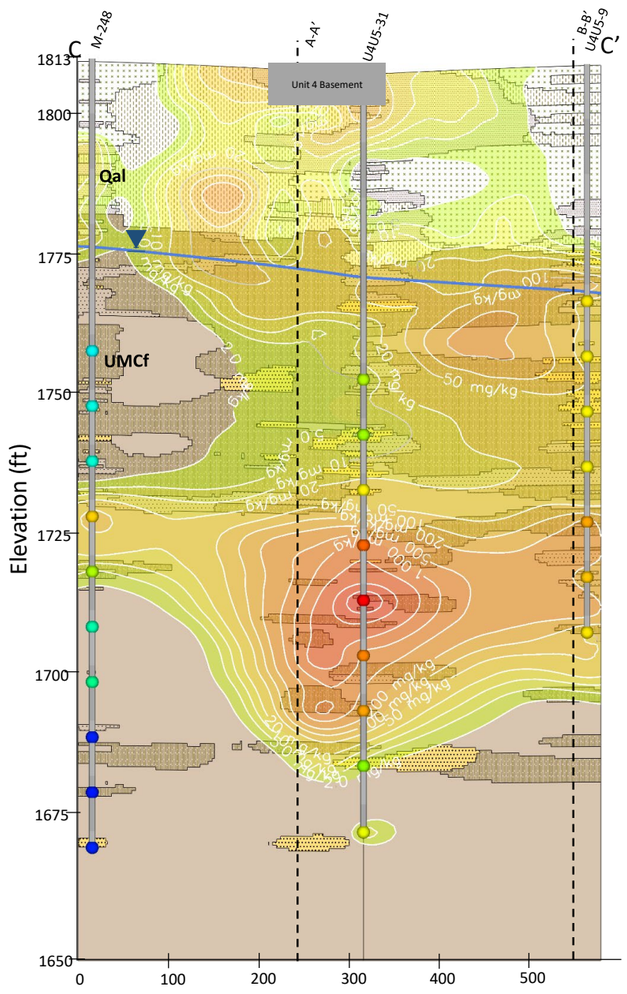
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB

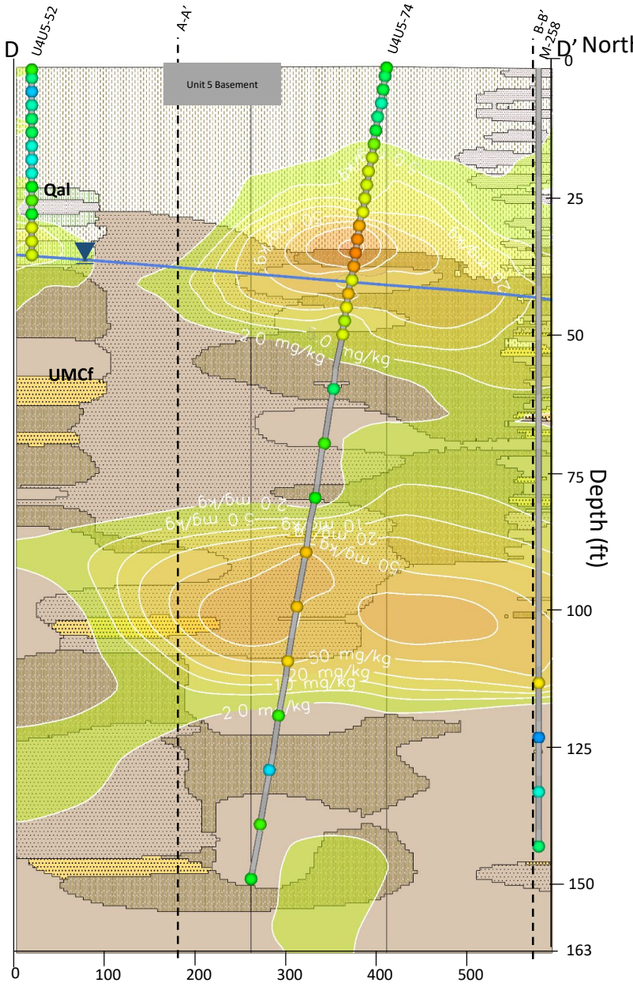
Figure No.
H-4

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-4 - Perchlorate Soil Sections EW

Through Unit 4

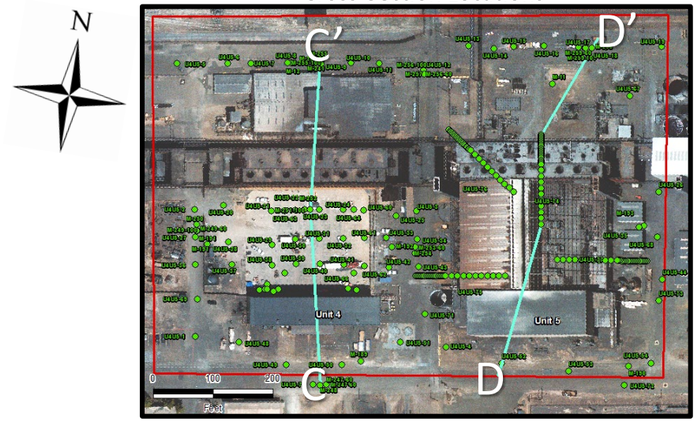


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Concentration Scales

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Soil Perchlorate

- 30,000 mg/kg
- 10,000 mg/kg
- 1,000 mg/kg
- 100 mg/kg
- 10 mg/kg
- 1 mg/kg
- 0.1 mg/kg
- 0.01 mg/kg
- 0.001 mg/kg

Water Table Surface

Soil Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored spheres show soil perchlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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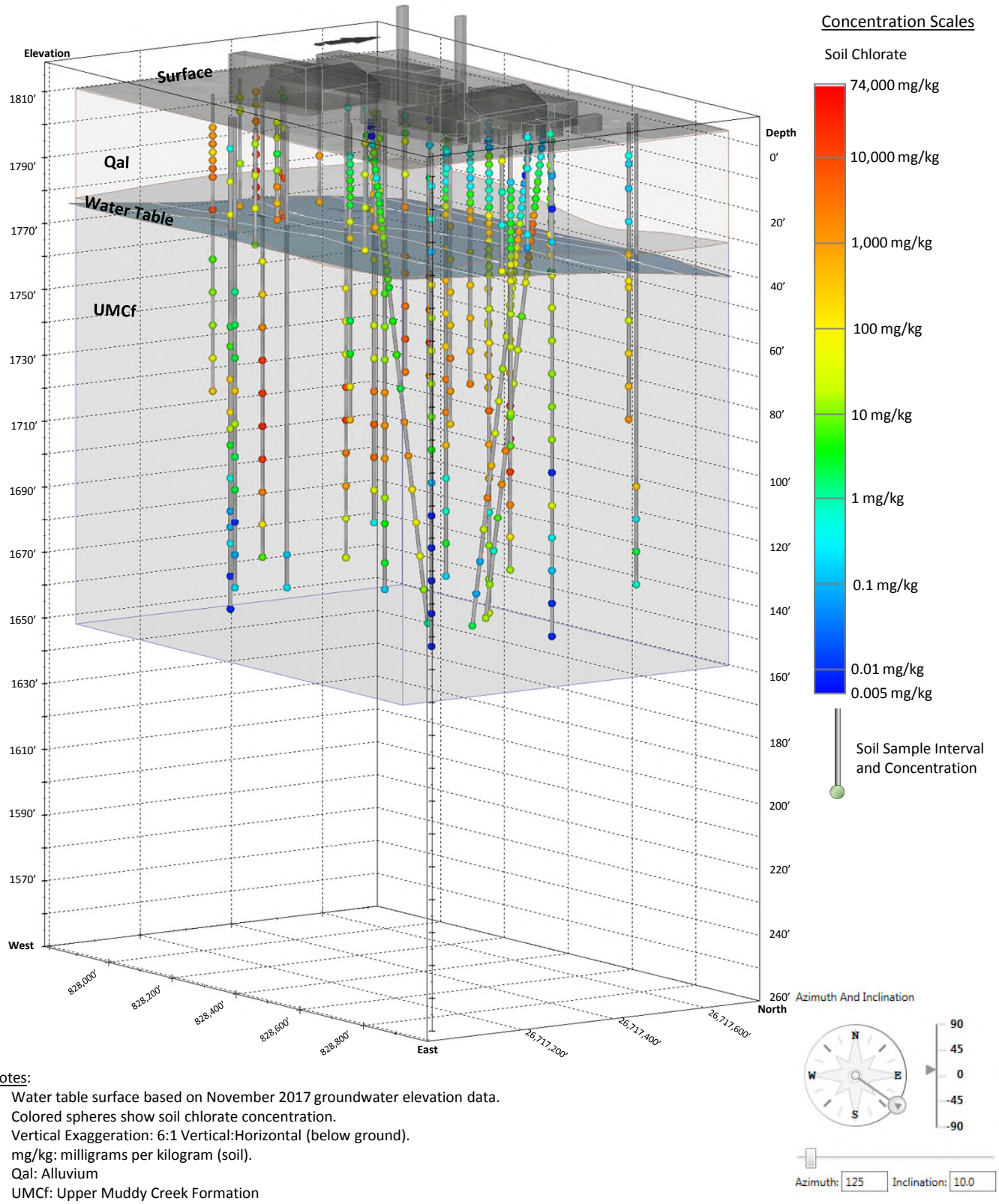
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB
Figure No.	H-5

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-5 - Perchlorate Soil Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored spheres show soil chlorate concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

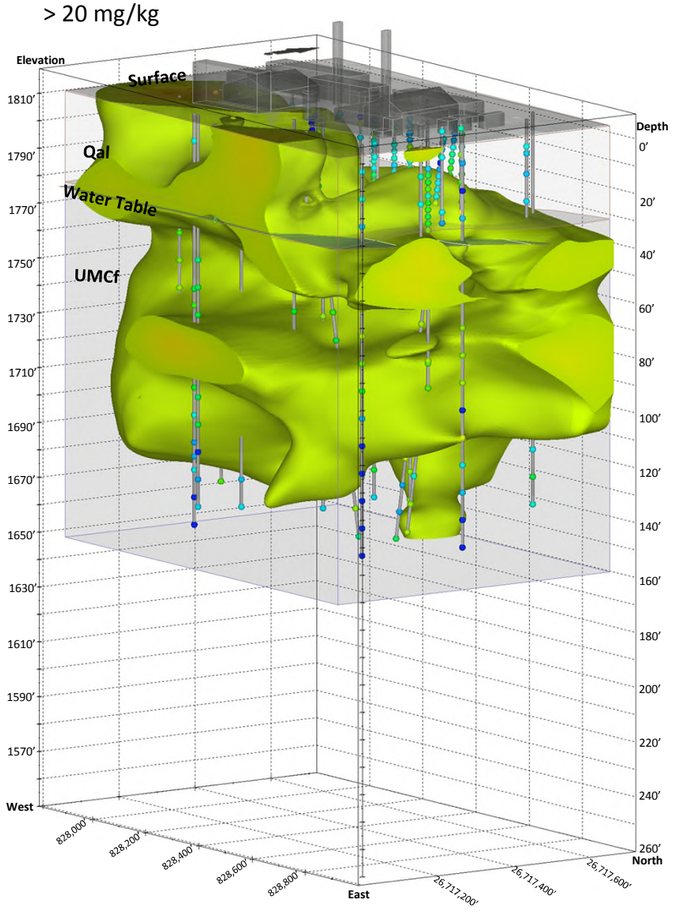
CHLORATE SOIL SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

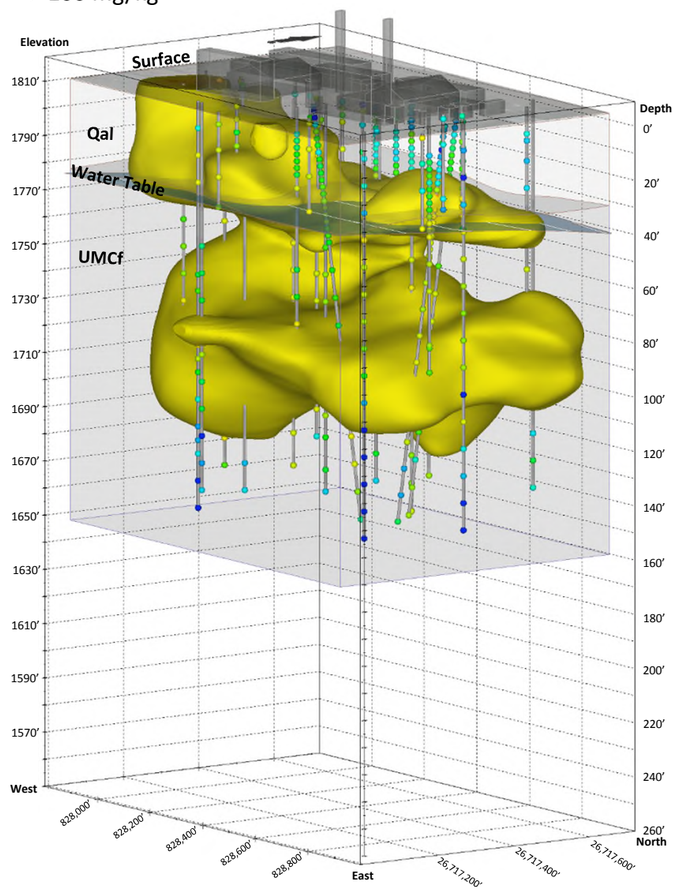
Figure No.
H-6

\\Ts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-41 - Chlorate Soil 3D Data

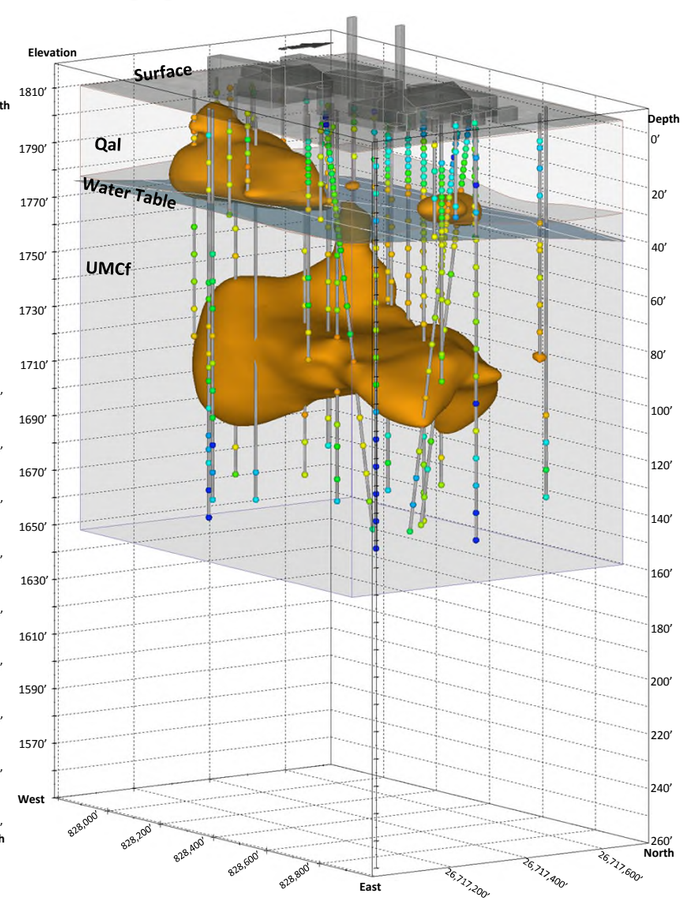
> 20 mg/kg



> 100 mg/kg

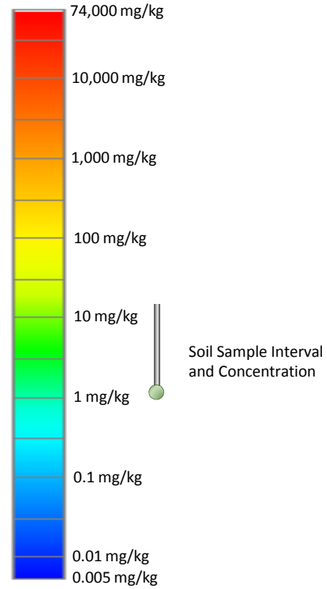


> 1000 mg/kg

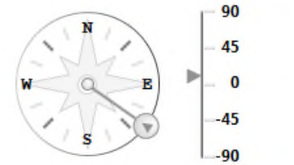


Concentration Scales

Soil Chlorate



Azimuth And Inclination



Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored spheres show soil chlorate concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal(below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

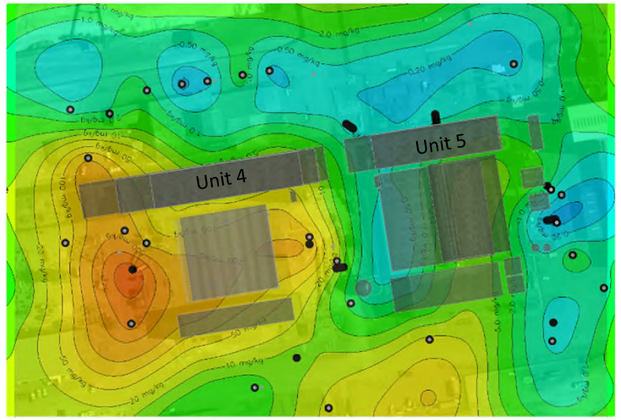
CHLORATE DISTRIBUTION IN SOIL

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

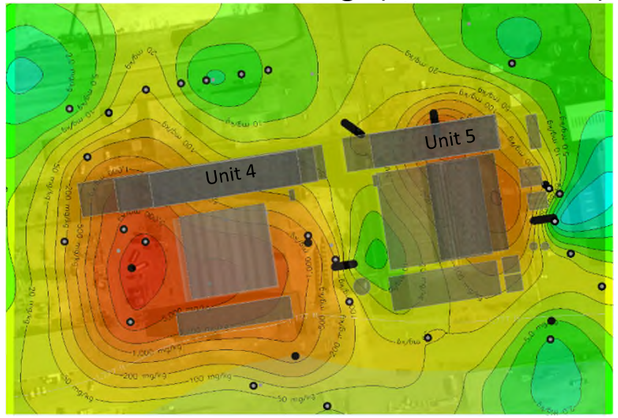
Figure No.
H-7

\\Ttst134fs1\geosupvol1\PROJECTS\DATAINERTM002Mobilization 3\Powerpoint Figures\Fig G-42 –Chlorate Soil 3D Shells (11x17).pptx

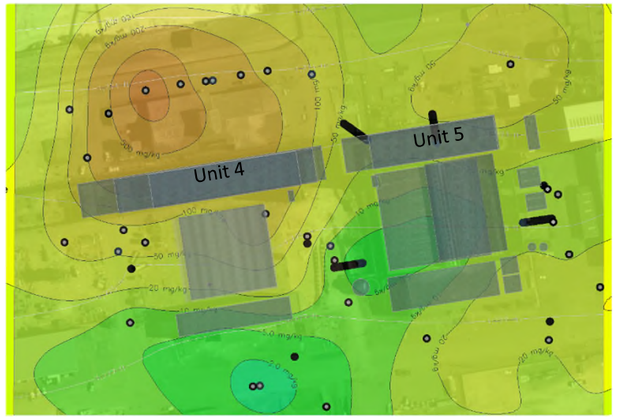
Horizontal Slice at 13’ bgs (1,800 feet amsl)



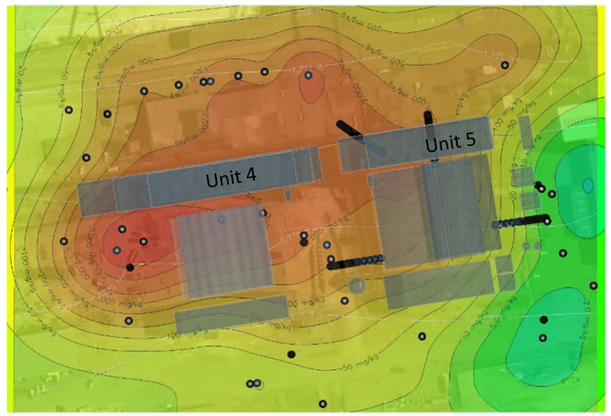
Horizontal Slice at 33’ bgs (1,780 feet amsl)



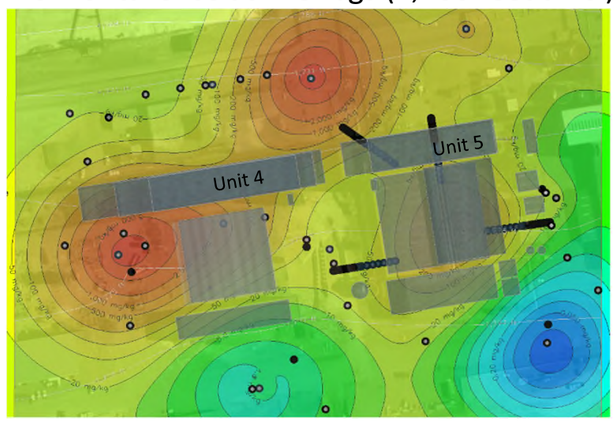
Horizontal Slice at 53’ bgs (1,760 feet amsl)



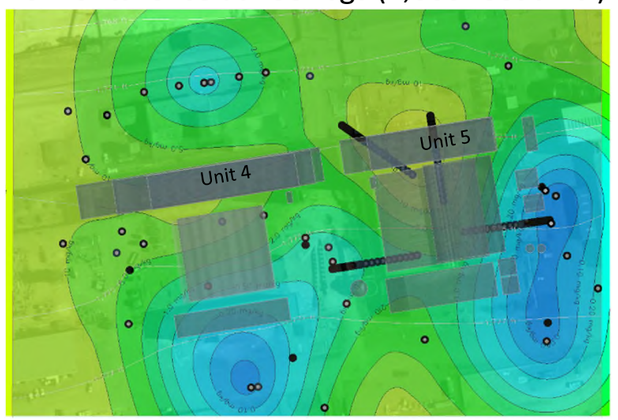
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)

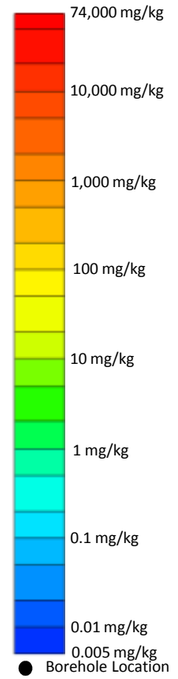


Horizontal Slice at 153’ bgs (1,660 feet amsl)



Concentration Scales

Soil Chlorate



Note:

1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

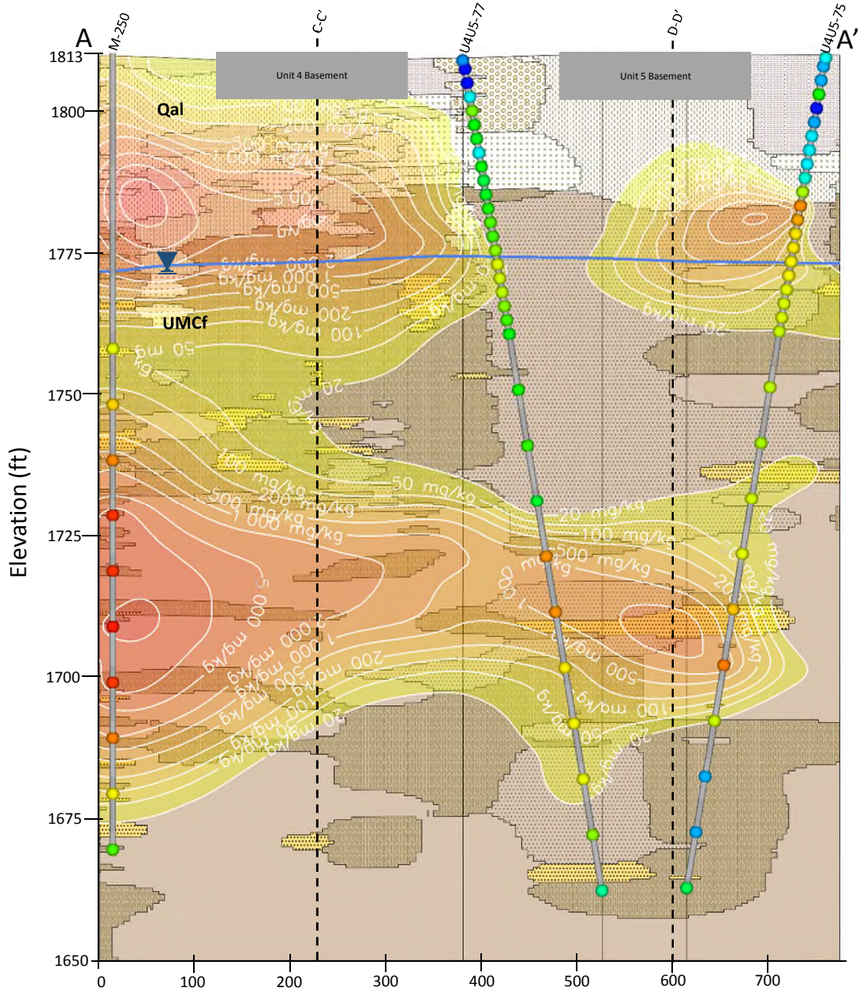
2D VISUALIZATION PLAN VIEW OF CHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

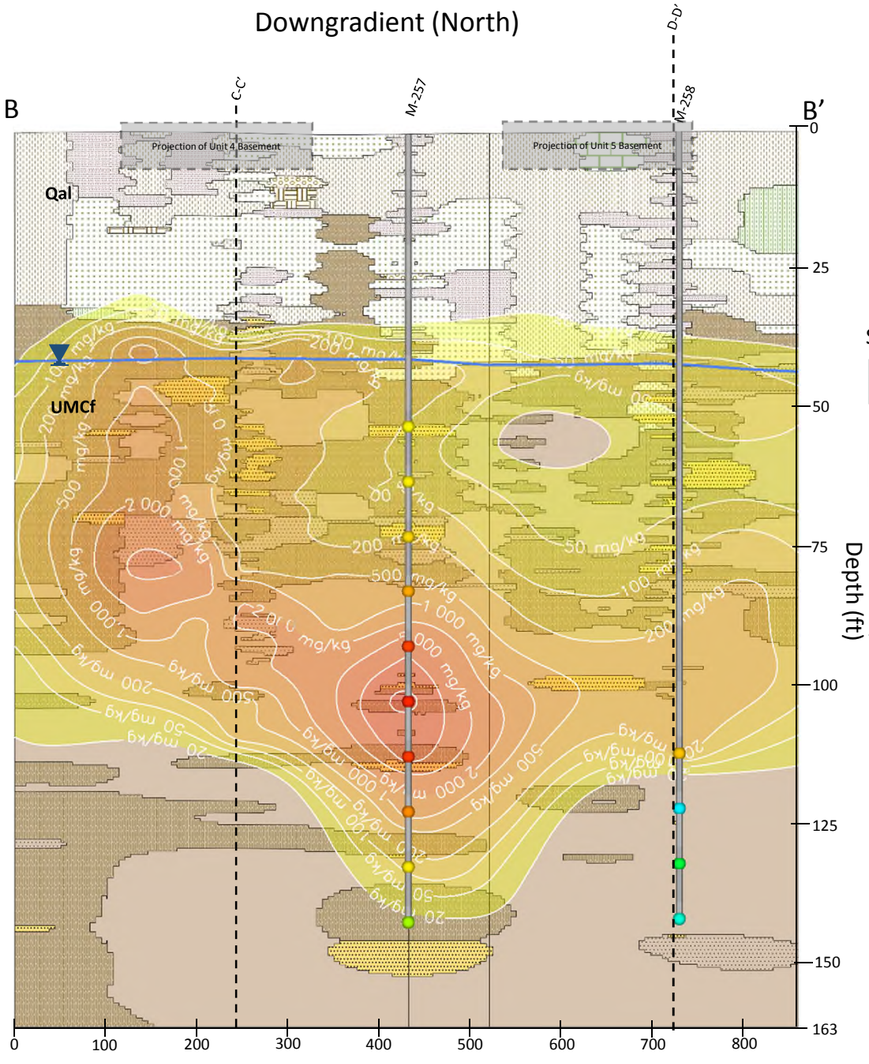
Figure No.
H-8

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-43 - Chlorate 2D Soil

Through Units 4 and 5

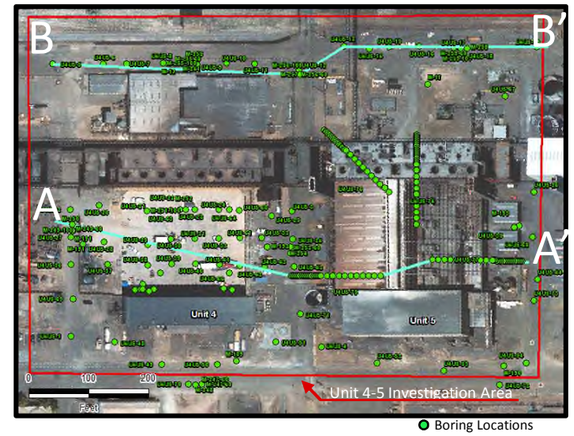


Downgradient (North)



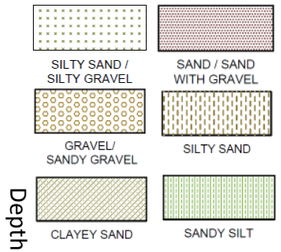
Distance Along Section (ft)

Cross-Section Locations

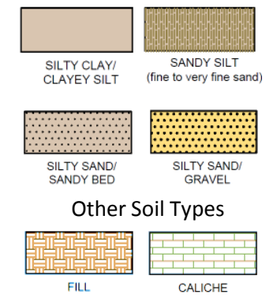


Concentration Scales

Soil Types in Alluvium (Qal)

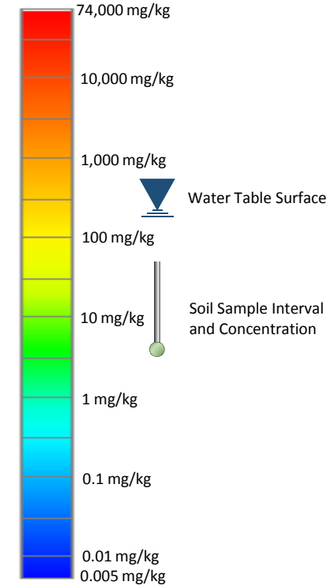


Soil Types in Upper Muddy Creek Fm (UMCf)



Other Soil Types

Soil Chlorate



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil chlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

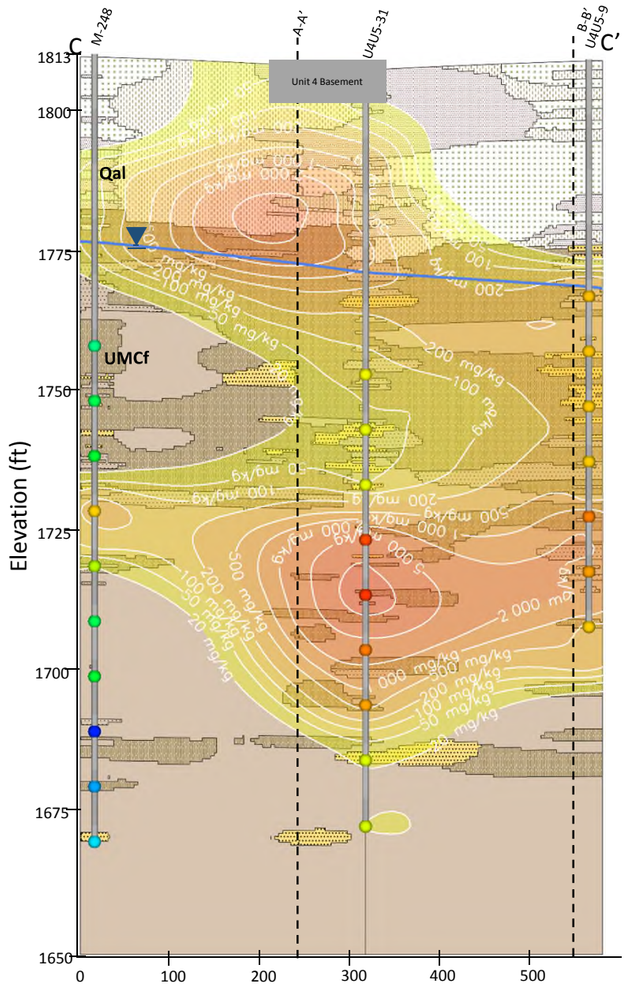
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

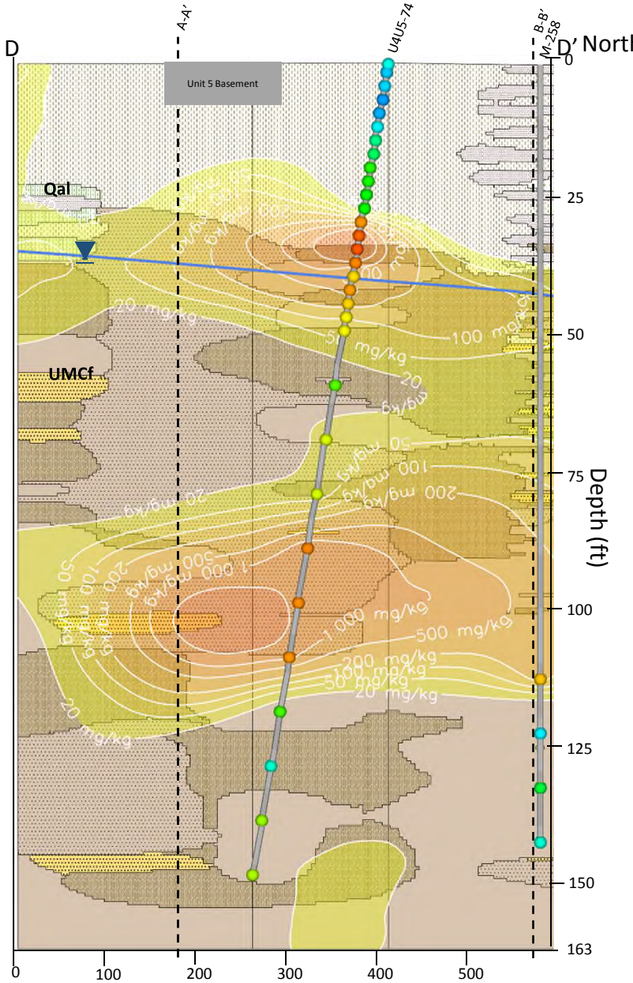
Figure No.
H-9

\\Tts134fs1\geosupvol1\PROJECTS\DATAINERTM02\Mobilization 3\Powerpoint Figures\Fig G-44 - Chlorate Soil Sections EW

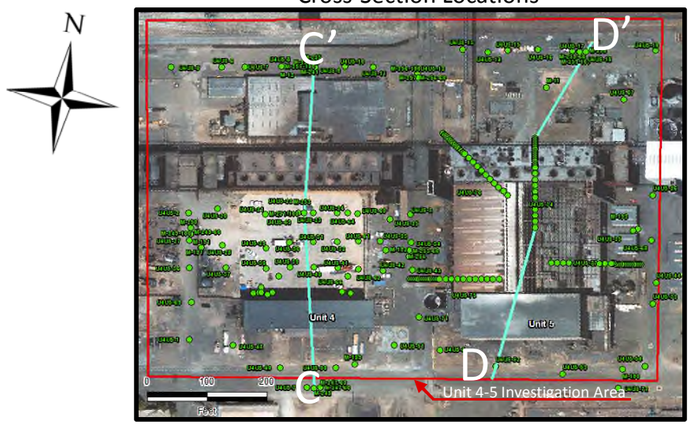
Through Unit 4



Through Unit 5



Cross-Section Locations



Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Concentration Scales

Soil Chlorate

- 74,000 mg/kg
- 10,000 mg/kg
- 1,000 mg/kg
- Water Table Surface
- 100 mg/kg
- 10 mg/kg
- Soil Sample Interval and Concentration
- 1 mg/kg
- 0.1 mg/kg
- 0.01 mg/kg
- 0.005 mg/kg

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored spheres show soil chlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
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8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

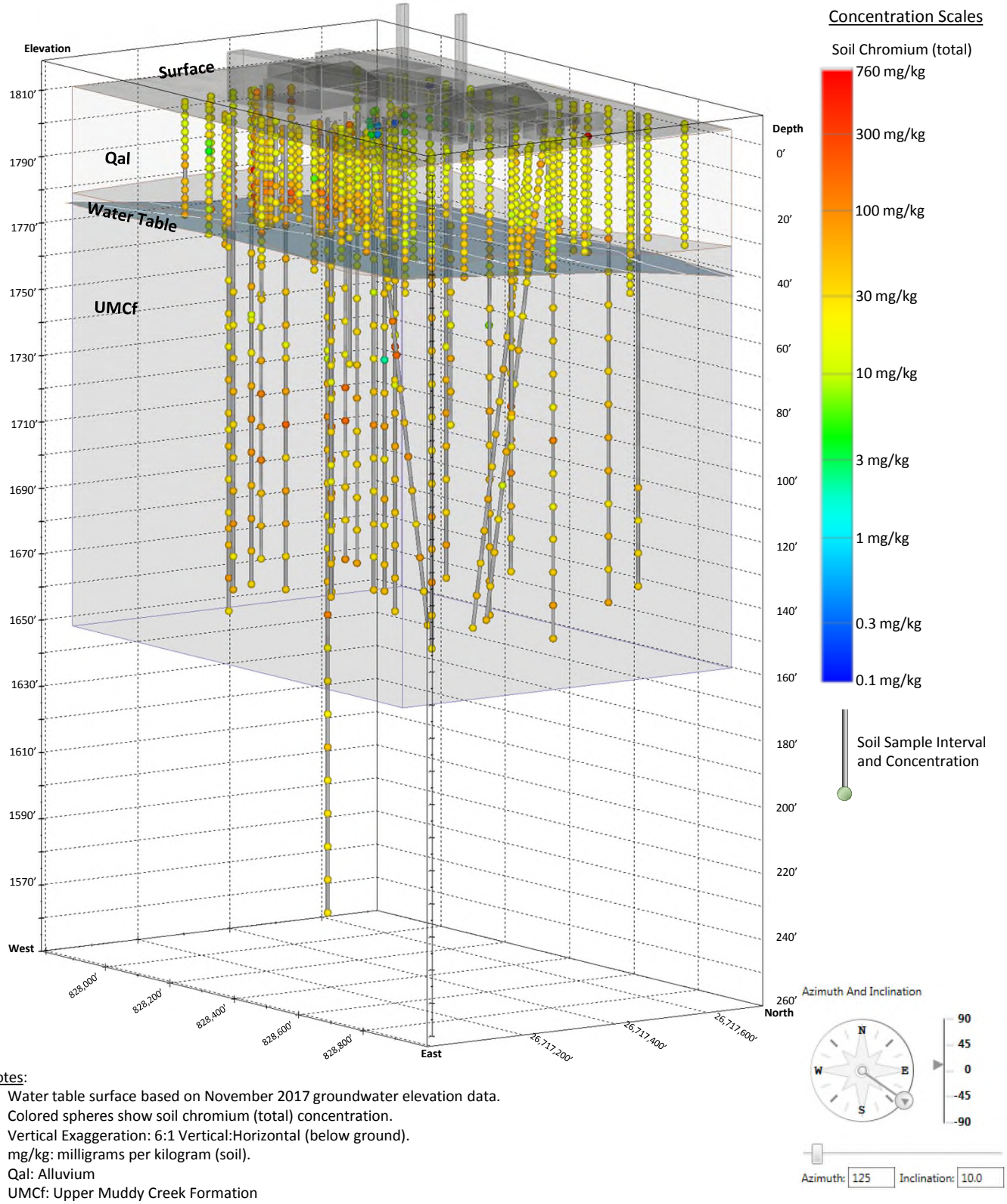
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-10

\\Tts134fs1\geosupvol1\PROJECTS\DATAINERT\M02\Mobilization 3\Powerpoint Figures\Fig G-45 - Chlorate Soil Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored spheres show soil chromium (total) concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

\\Tts1345fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-51 – Total Chromium Soil 3D Data

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

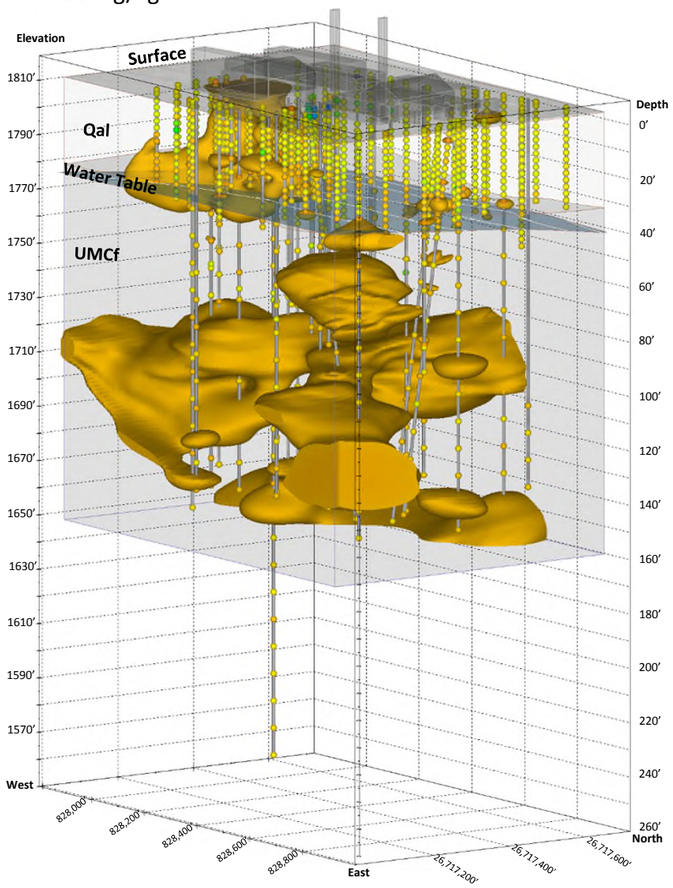
CHROMIUM (TOTAL) SOIL SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

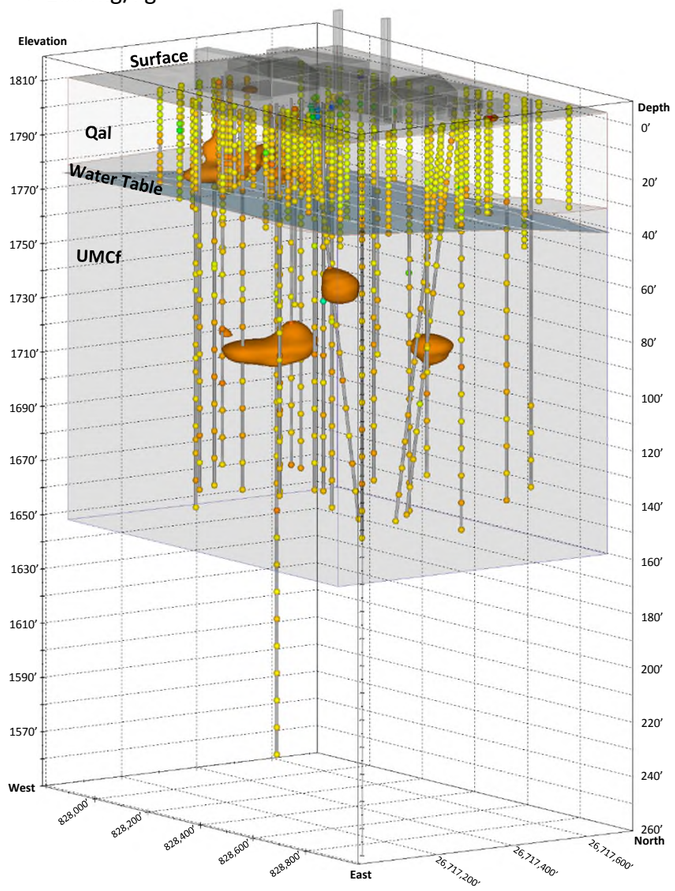
Figure No.

H-11

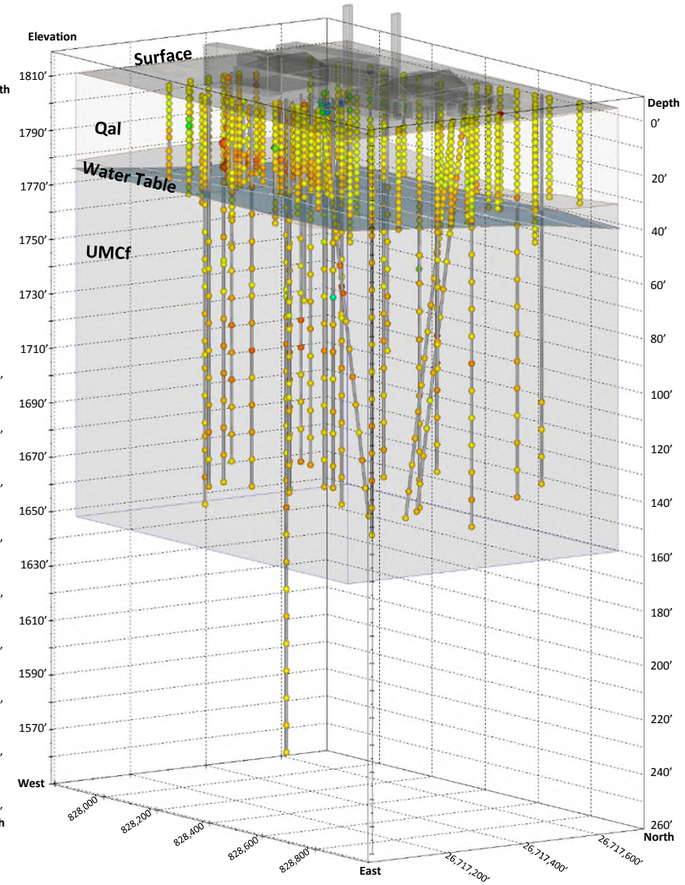
> 50 mg/kg



> 100 mg/kg

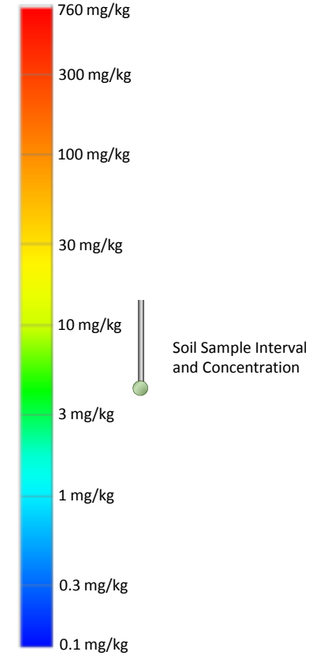


> 200 mg/kg

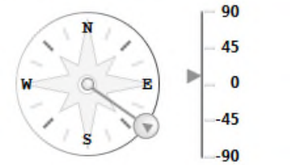


Concentration Scales

Soil Chromium (total)



Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored spheres show soil chromium (total) concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal(below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

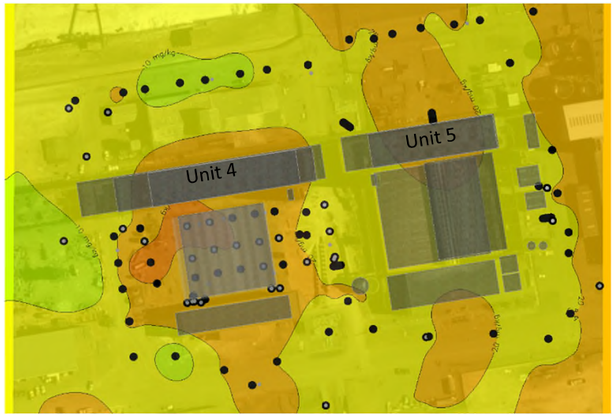
CHROMIUM (TOTAL) DISTRIBUTION IN SOIL

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

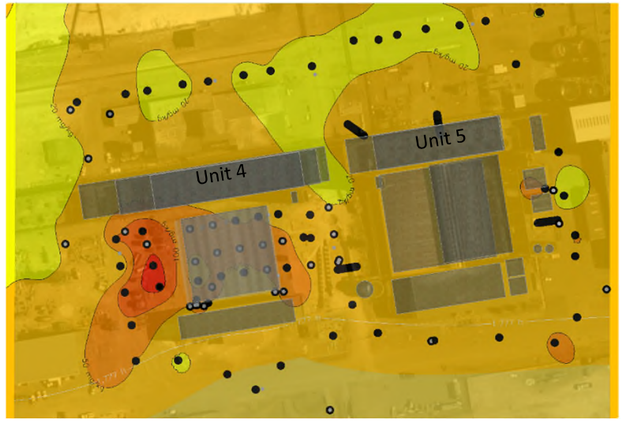
Figure No.
H-12

\\Tts124ls1\geosuvol1\PROJECTS\DATANERTM02\Mobilization 3\Powerpoint Figures\Fig G-52 – Ttoal Chromium Soil 3D Shells (11x17).pptx

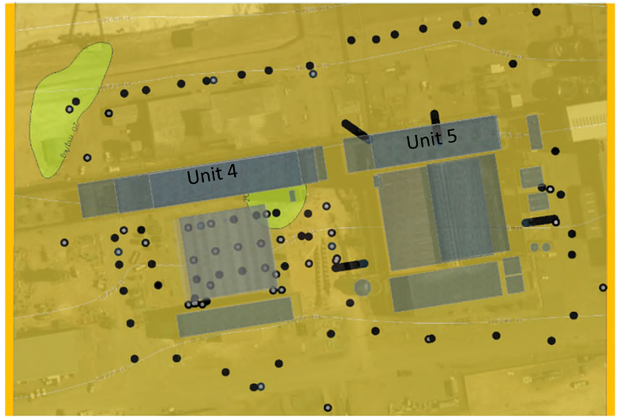
Horizontal Slice at 13’ bgs (1,800 feet amsl)



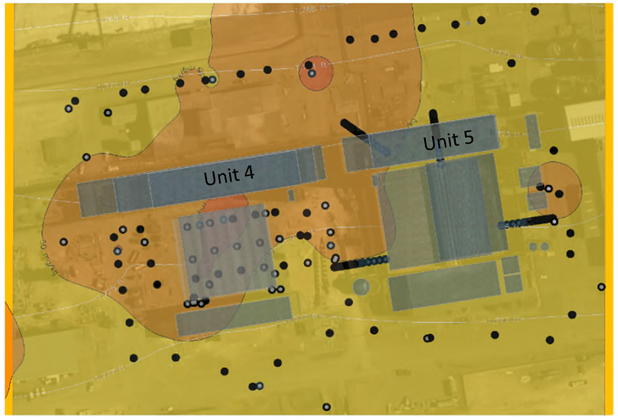
Horizontal Slice at 33’ bgs (1,780 feet amsl)



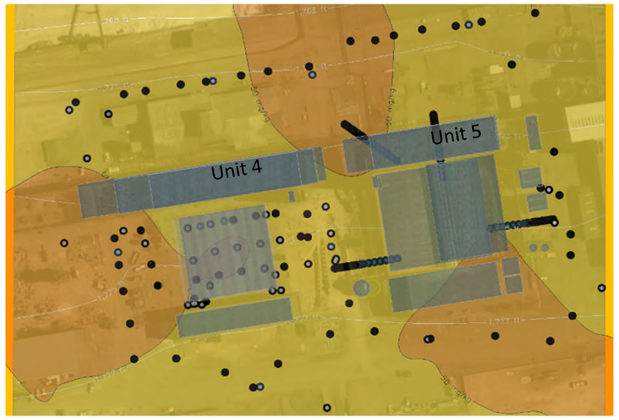
Horizontal Slice at 53’ bgs (1,760 feet amsl)



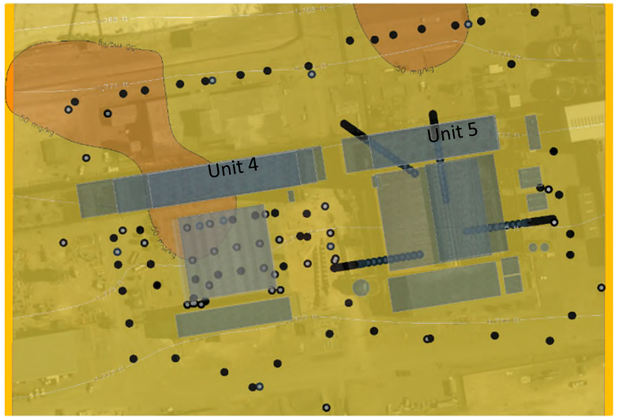
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)



Horizontal Slice at 153’ bgs (1,660 feet amsl)



Concentration Scales

Soil Chromium (total)

- 760 mg/kg
- 500 mg/kg
- 200 mg/kg
- 100 mg/kg
- 50 mg/kg
- 20 mg/kg
- 10 mg/kg
- 5 mg/kg
- 2 mg/kg
- 1 mg/kg
- 0.5 mg/kg
- 0.2 mg/kg
- 0.1 mg/kg

● Borehole Location

N

0 270 540

Feet

Note:

1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

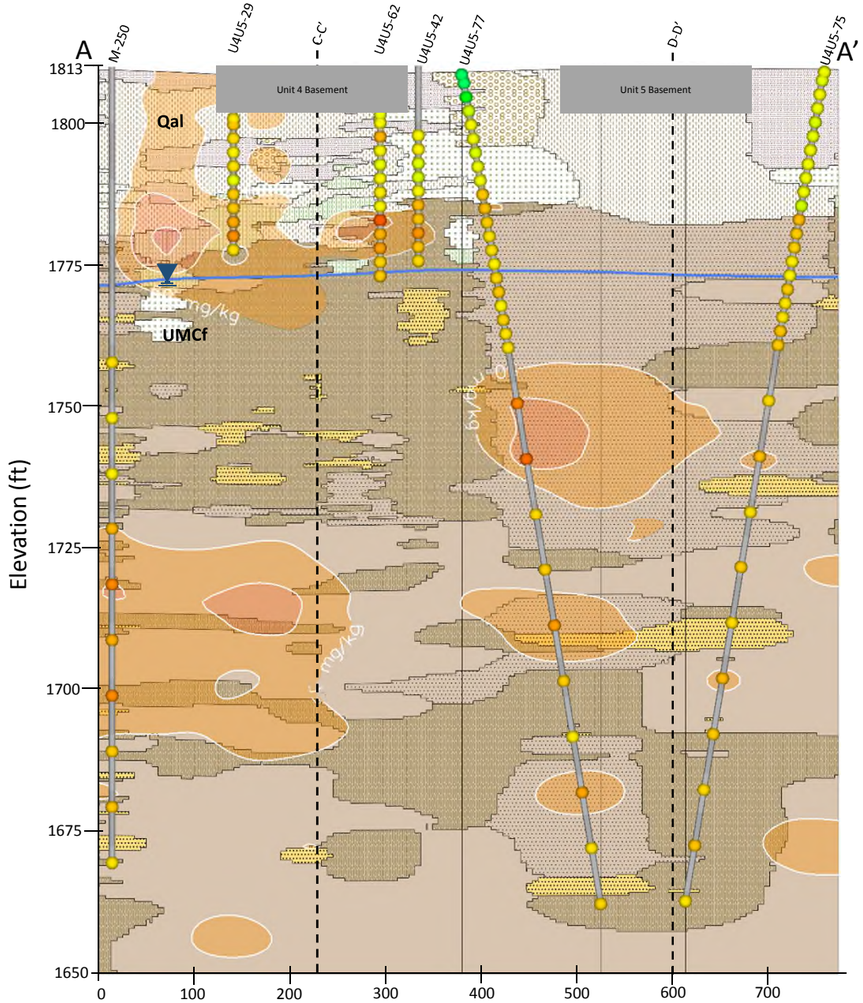
2D VISUALIZATION PLAN VIEW OF CHROMIUM (TOTAL) DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

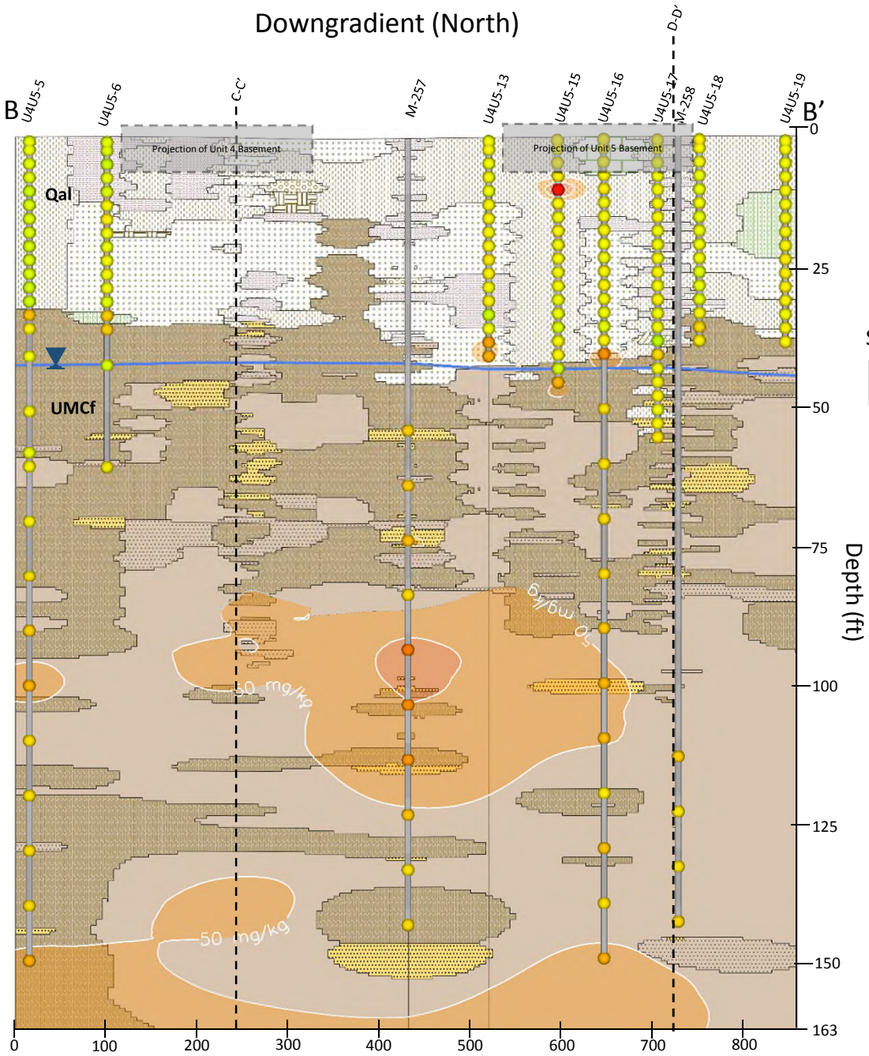
Figure No.
H-13

\\Tts134fs1\gesuyvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-53 – Total Chromium 2D Soil

Through Units 4 and 5

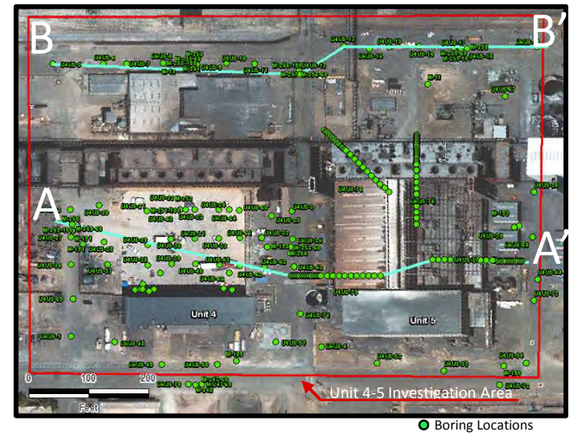


Downgradient (North)



Distance Along Section (ft)

Cross-Section Locations



Concentration Scales

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Soil Chromium (total)

- 760 mg/kg
- 300 mg/kg
- 100 mg/kg
- Water Table Surface
- 30 mg/kg
- 10 mg/kg
- Soil Sample Interval and Concentration
- 3 mg/kg
- 1 mg/kg
- 0.3 mg/kg
- 0.1 mg/kg

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil chromium (total) concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

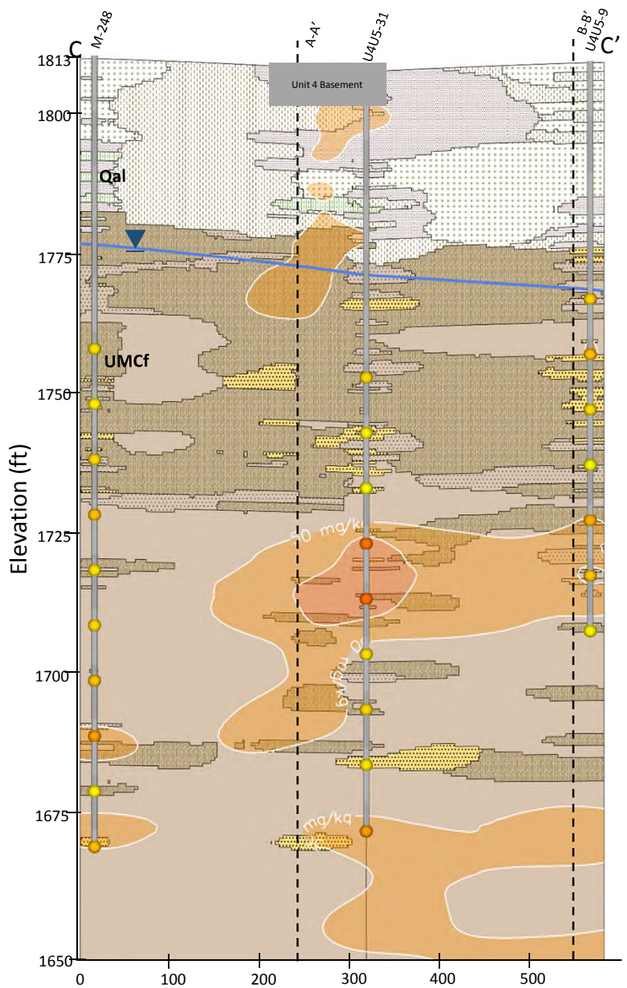
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHROMIUM (TOTAL) DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

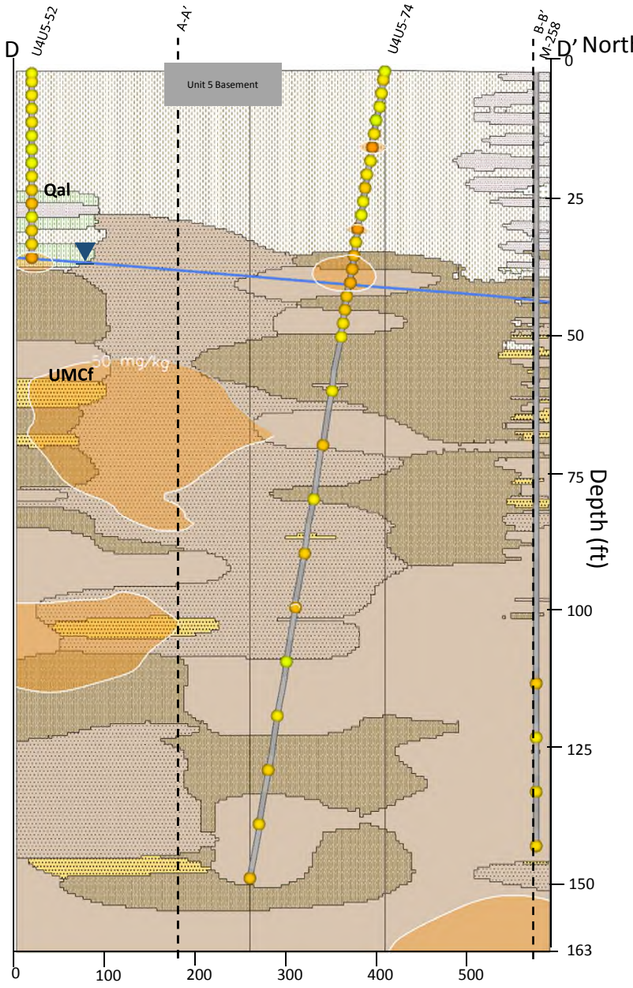
Figure No. **H-14**

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-44 - Nitrate Soil Sections EW

Through Unit 4

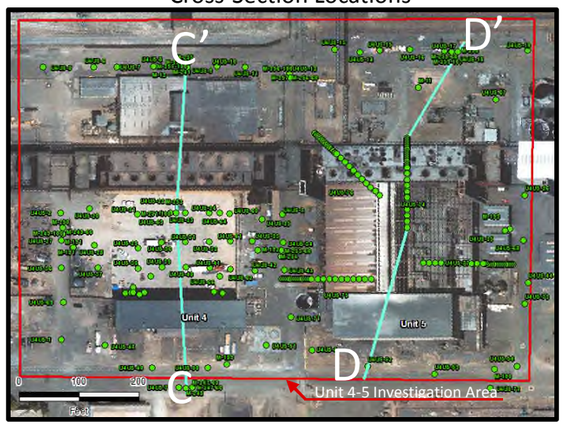


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Concentration Scales

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Soil Chromium (total)

760 mg/kg
300 mg/kg
100 mg/kg
30 mg/kg
10 mg/kg
3 mg/kg
1 mg/kg
0.3 mg/kg
0.1 mg/kg

Water Table Surface

Soil Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored spheres show soil chromium (total) concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

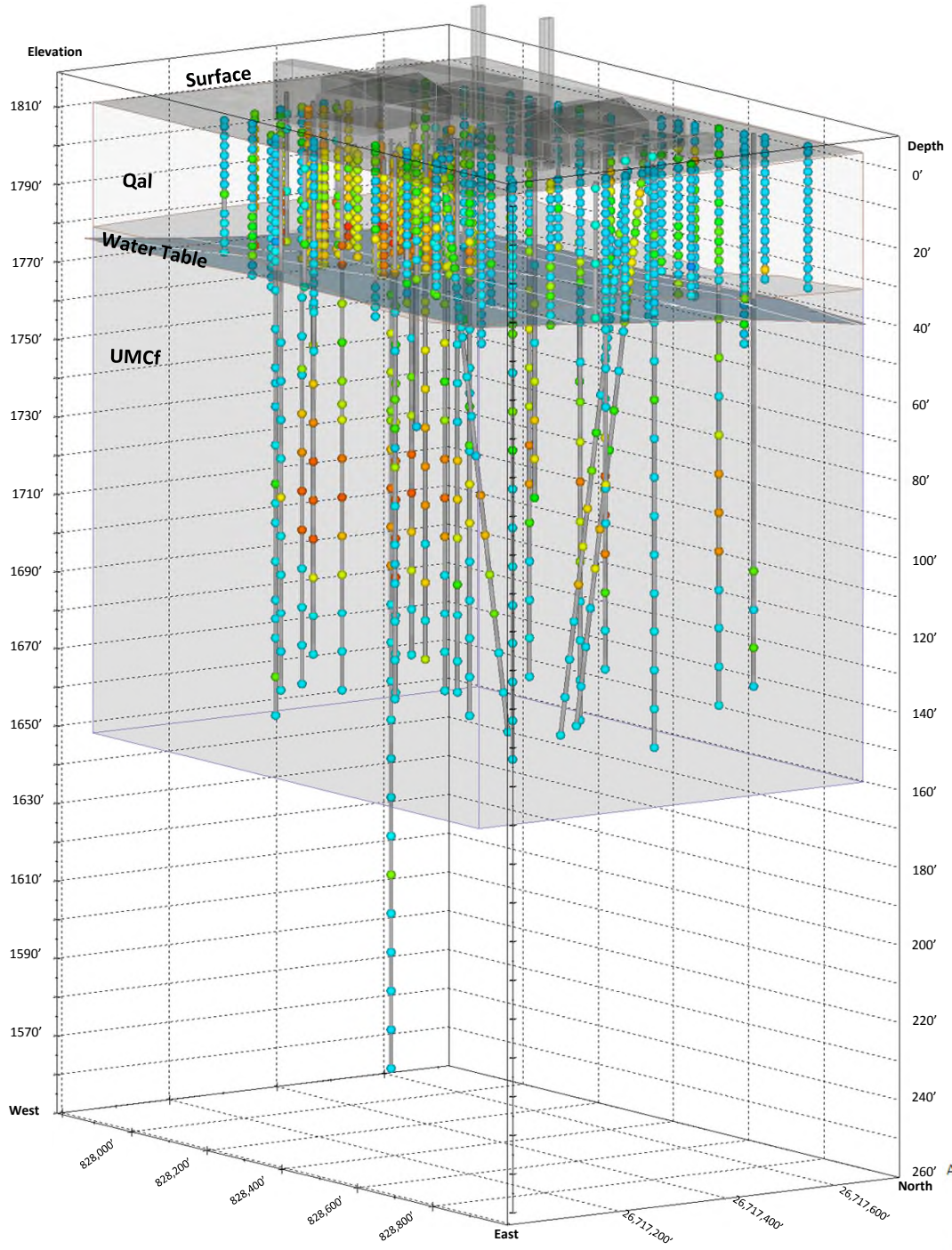
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHROMIUM (TOTAL) DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-15

\\Tts134fs1\geosupvol1\PROJECTS\DATAINERT\M02\Mobilization 3\Powerpoint Figures\Fig G-55 – Total Chromium Soil Sections NS



Concentration Scales

Soil Chromium [VI]

500 mg/kg

100 mg/kg

10 mg/kg

1 mg/kg

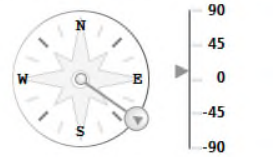
0.1 mg/kg

0.01 mg/kg

0.001 mg/kg

Soil Sample Interval and Concentration

Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored spheres show soil chromium (VI) concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

CHROMIUM [VI] SOIL SAMPLE RESULTS

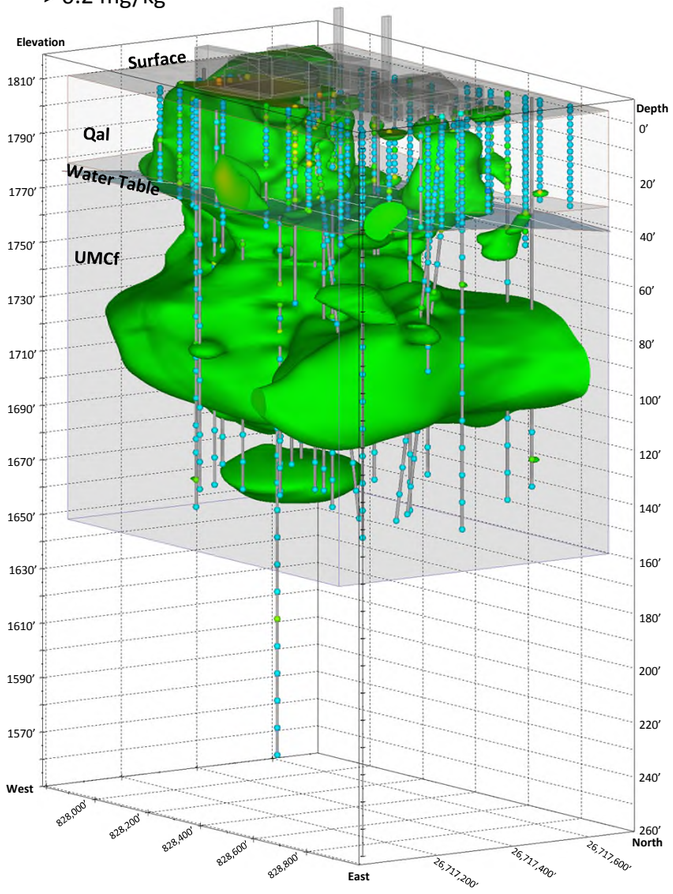
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.

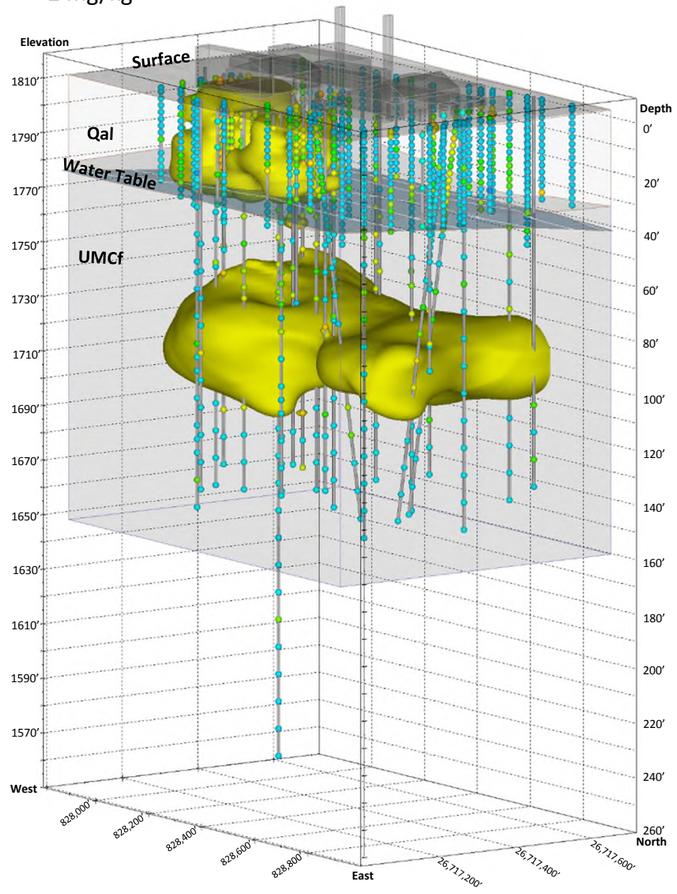
H-16

\\Tts134fs1\geosupvol1\PROJECTS\DATA\ NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-11 - Cr6 Soil 3D PDF85_11

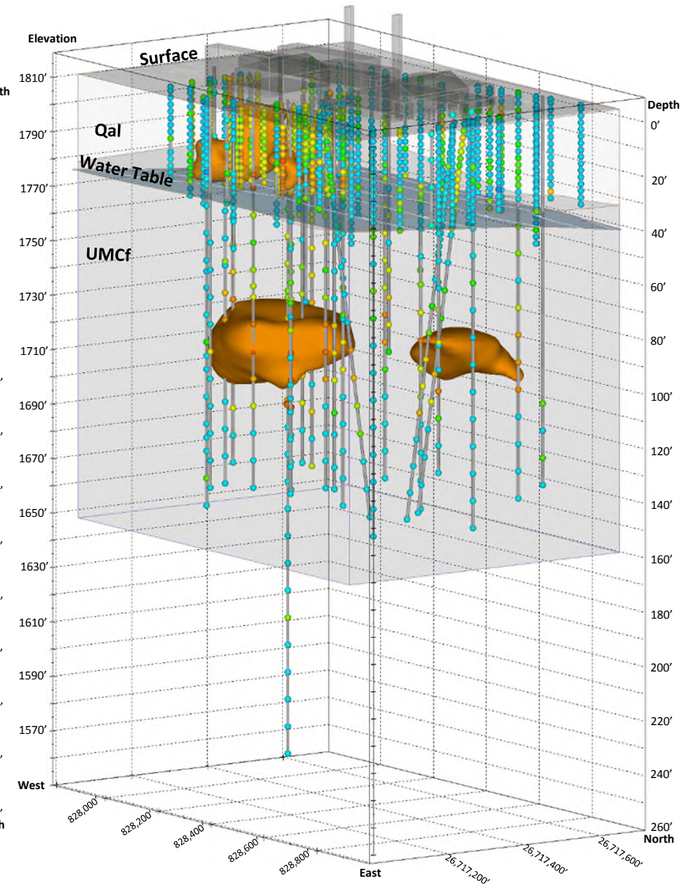
> 0.2 mg/kg



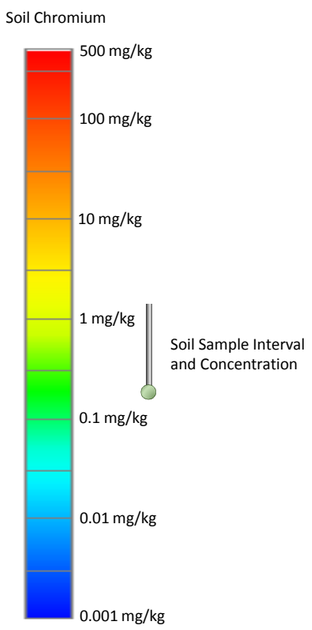
> 2 mg/kg



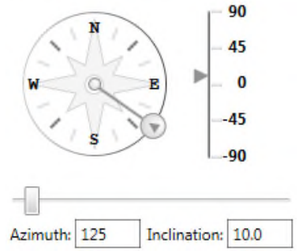
> 20 mg/kg



Concentration Scale



Azimuth And Inclination



Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored spheres show soil chromium (VI) concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal(below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

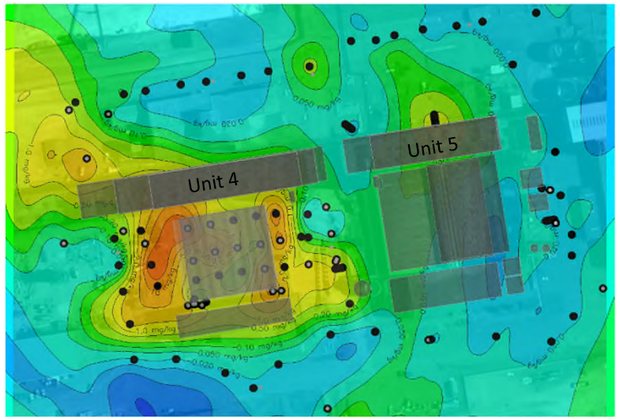
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

CHROMIUM [VI] DISTRIBUTION IN SOIL

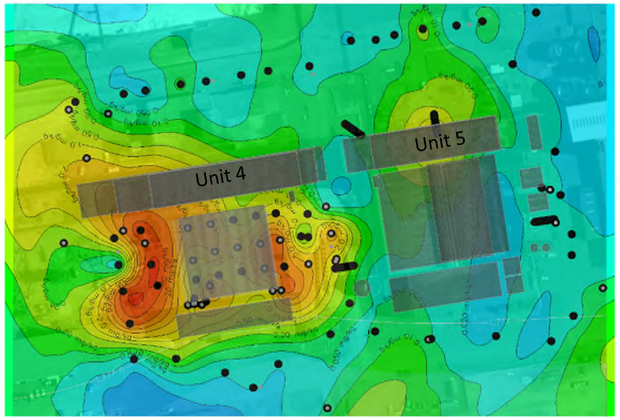
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB
Figure No.	**H-17**

\\Tts134fs1\necsuvov1\1\PROJECTS\DATA\NERTIM\2\Mobilization 3\Powerpoint Figures\Fig G-12 - Cr6 Soil 3D

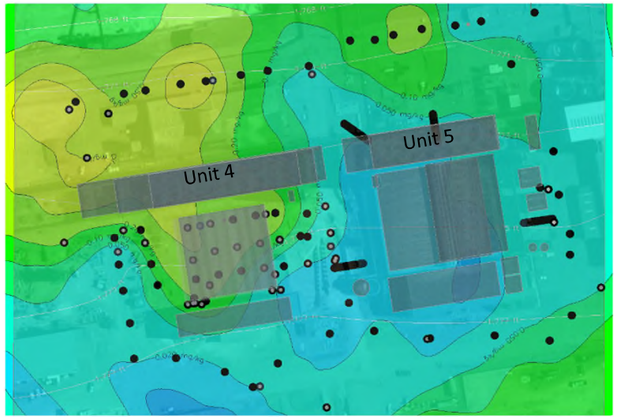
Horizontal Slice at 13’ bgs (1,800 feet amsl)



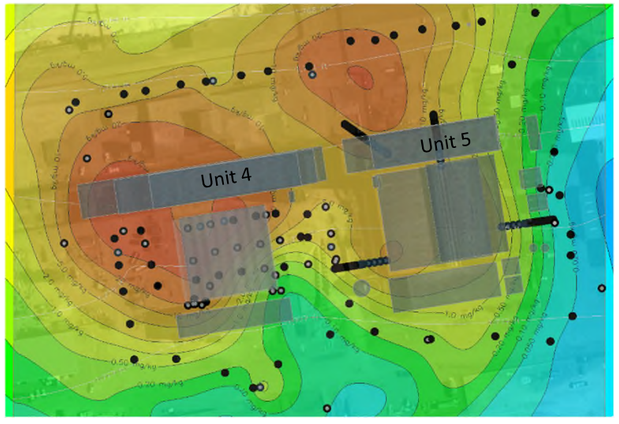
Horizontal Slice at 33’ bgs (1,780 feet amsl)



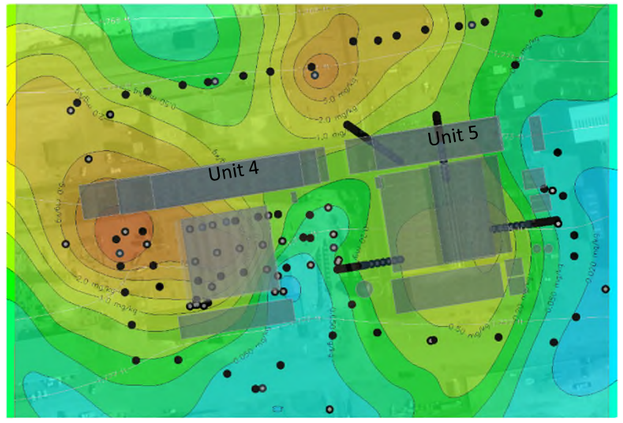
Horizontal Slice at 53’ bgs (1,760 feet amsl)



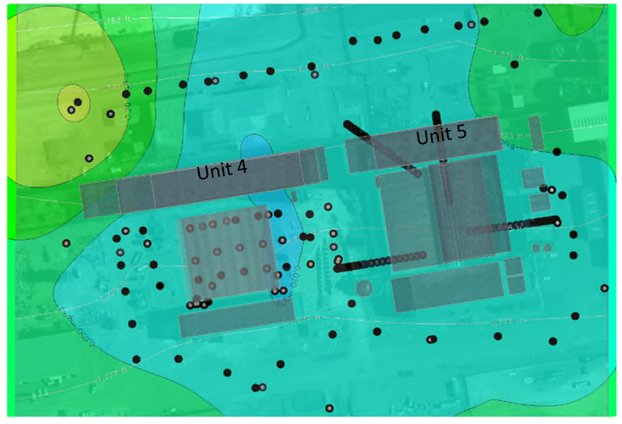
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)



Horizontal Slice at 153’ bgs (1,660 feet amsl)



Concentration Scales

Soil Chromium [VI]

500 mg/kg

100 mg/kg

10 mg/kg

1 mg/kg

0.1 mg/kg

0.01 mg/kg

0.001 mg/kg

Borehole Location

N

0 270 540

Feet

Note:

1. Ground surface elevation is assumed to be 1,813 ft ams (above mean sea level) for the purposes of illustrated depth.

\\Ttst34fs1\geosupvol1\PROJECTS\DATA\ NERTM\02\Mobilization 3\Powerpoint Figures\Fig G-13 - Cr6 2D Soil

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

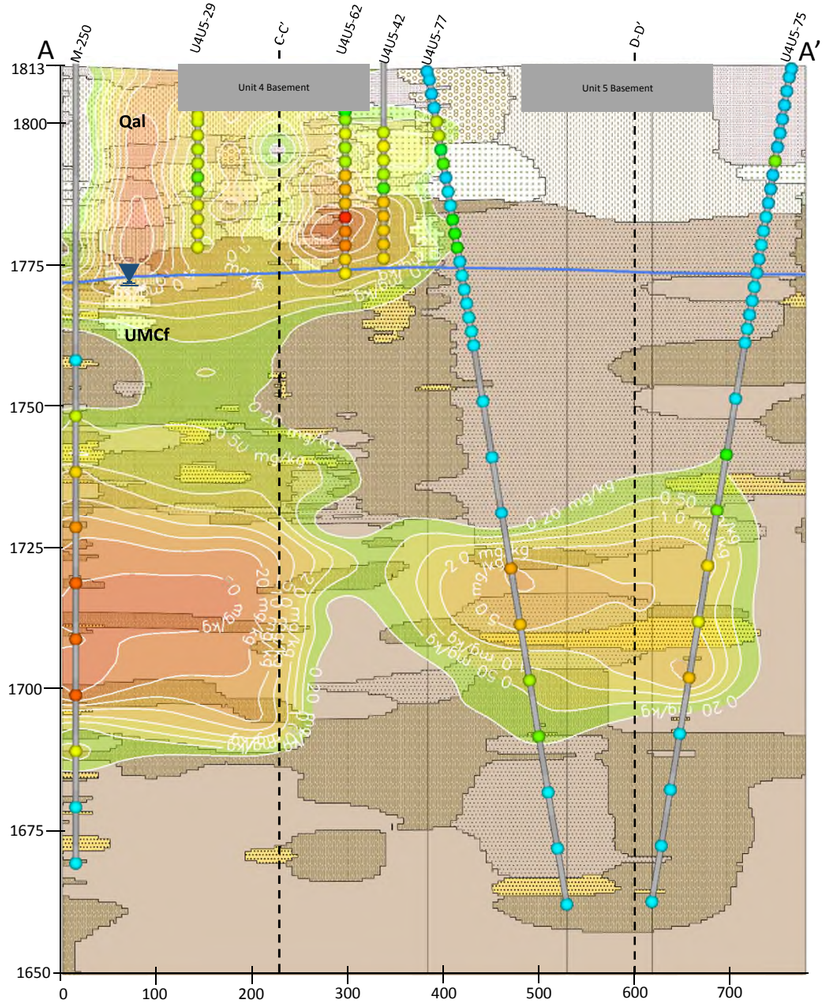
2D VISUALIZATION PLAN VIEW OF CHROMIUM [VI] DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

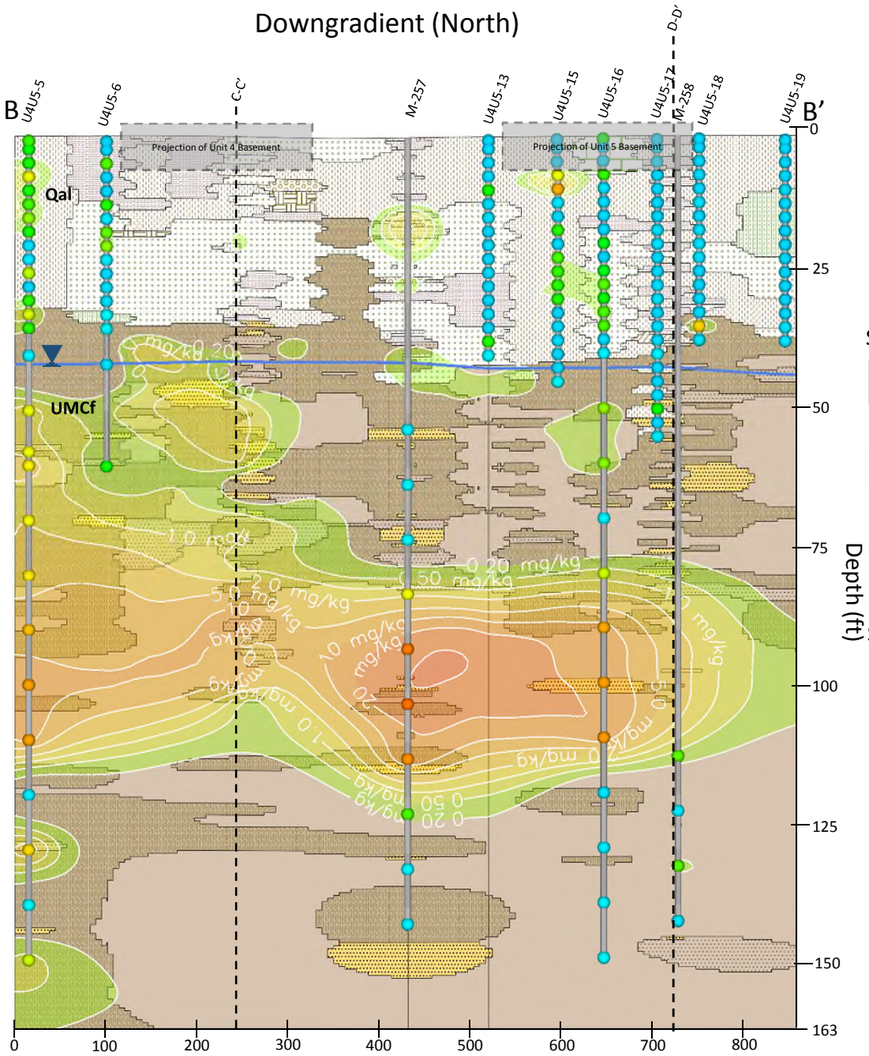
Figure No.

H-18

Through Units 4 and 5

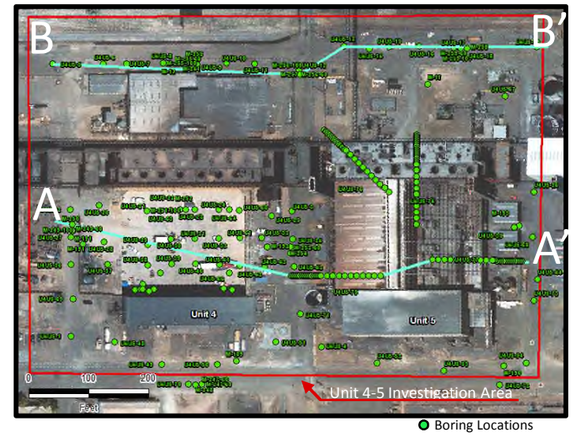


Downgradient (North)



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Concentration Scale

Soil Chromium

500 mg/kg
100 mg/kg
10 mg/kg
1 mg/kg
0.1 mg/kg
0.01 mg/kg
0.001 mg/kg

Water Table Surface

Soil Sample Interval and Concentration

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil chromium (VI) concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

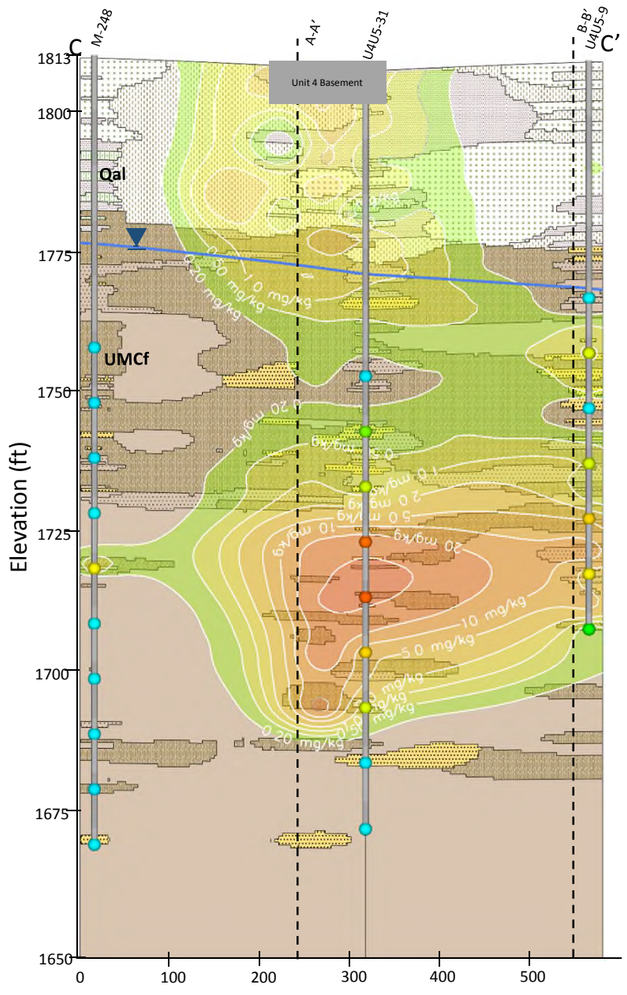
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

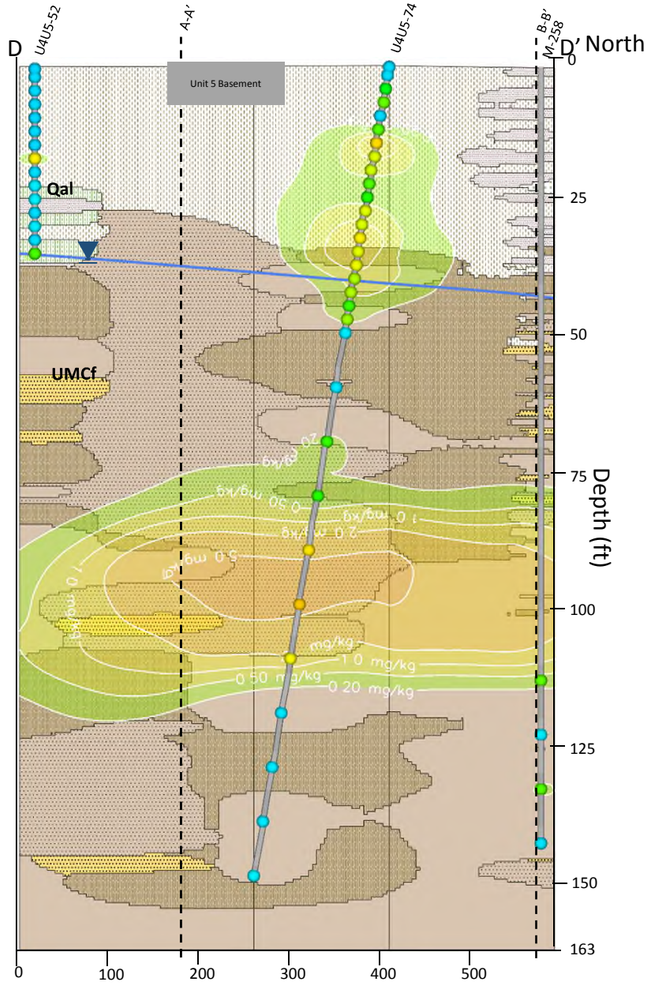
Figure No.
H-19

\\Tts134fs1\geosupvol1\PROJECTS\DATA\ \NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-14 - Cr6 Soil Sections EW

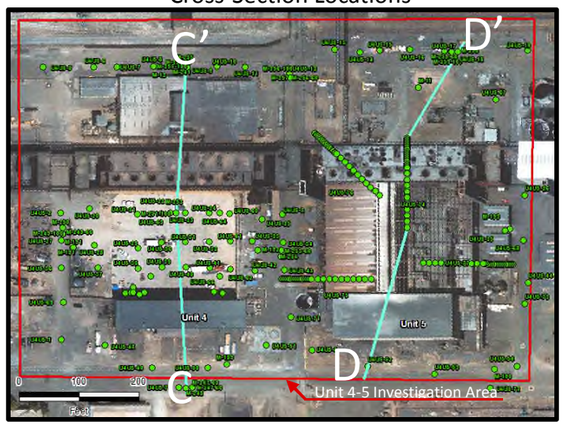
Through Unit 4



Through Unit 5



Cross-Section Locations



Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Concentration Scale

Soil Chromium

- 500 mg/kg
- 100 mg/kg
- 10 mg/kg
- 1 mg/kg
- 0.1 mg/kg
- 0.01 mg/kg
- 0.001 mg/kg

Water Table Surface

Soil Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored spheres show soil chromium (VI) concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

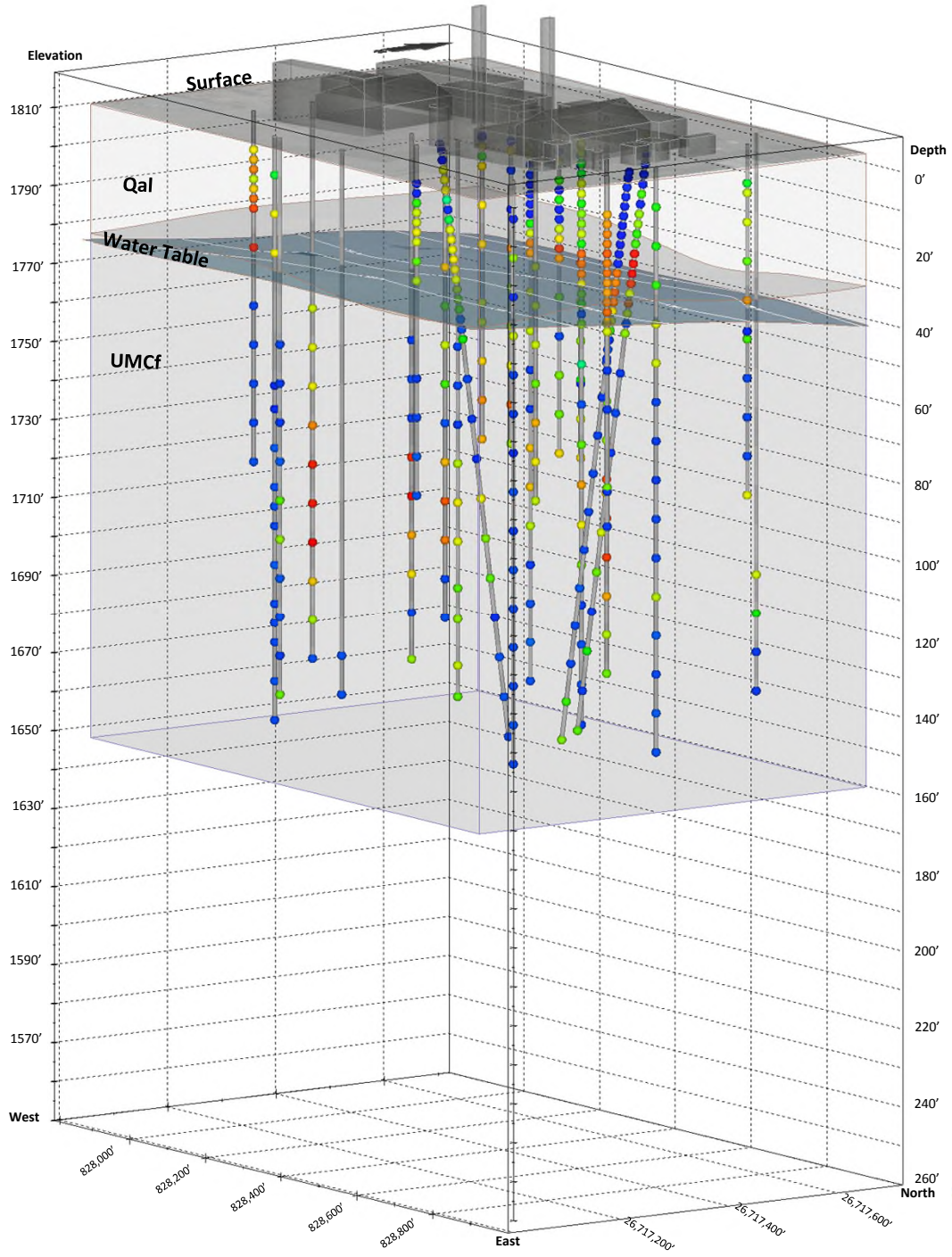
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-20

\\Tts134fs1\geosupvol1\PROJECTS\DATA\M02\Mobilization 3\Powerpoint Figures\Fig G-15 - Cr6 Soil Sections NS



Concentration Scales

Soil Nitrate

50 mg/kg

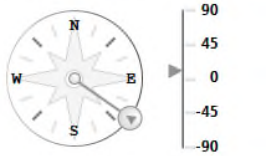
10 mg/kg

1 mg/kg

0.1 mg/kg
0.08 mg/kg

Soil Sample Interval and Concentration

Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored spheres show soil nitrate concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

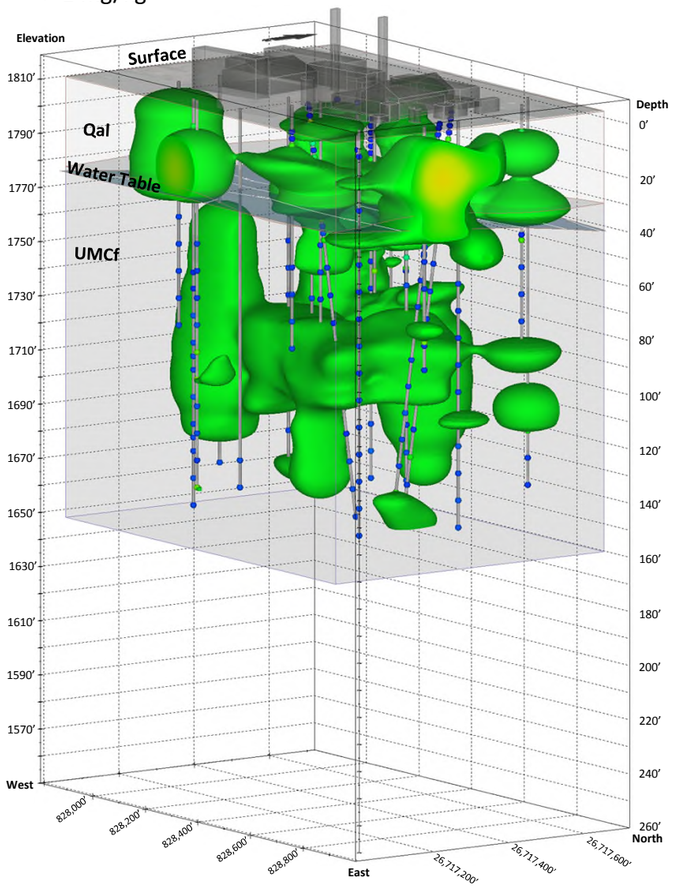
NITRATE SOIL SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

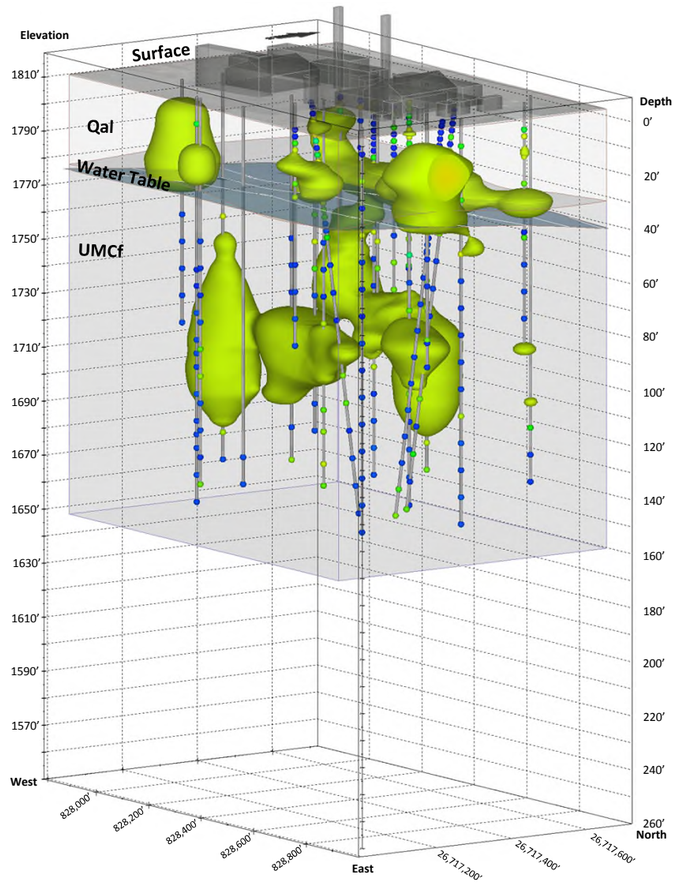
Figure No.
H-21

\\Tts1346fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-31 - Nitrate Soil 3D Data

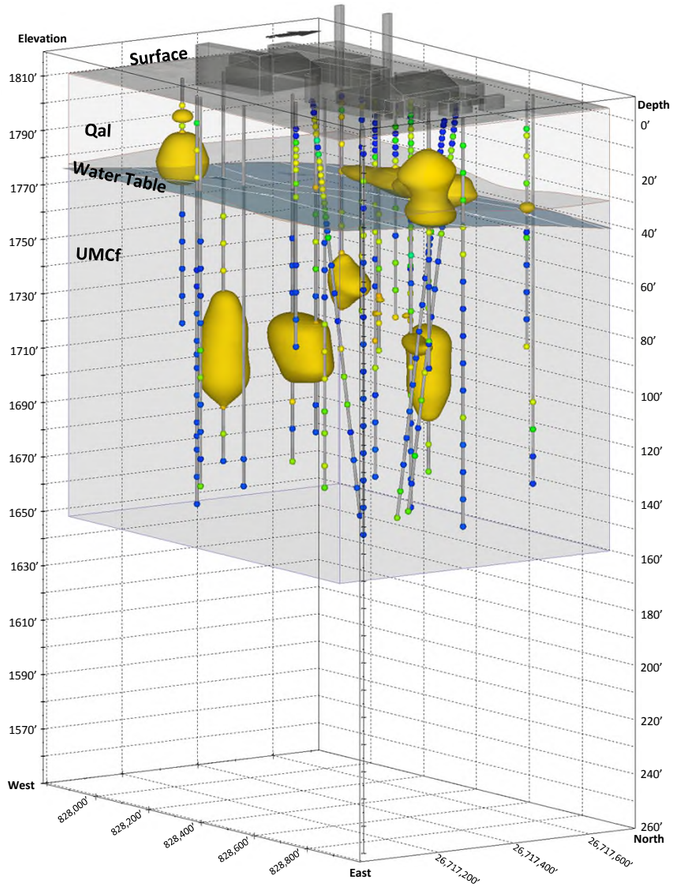
> 1 mg/kg



> 2 mg/kg

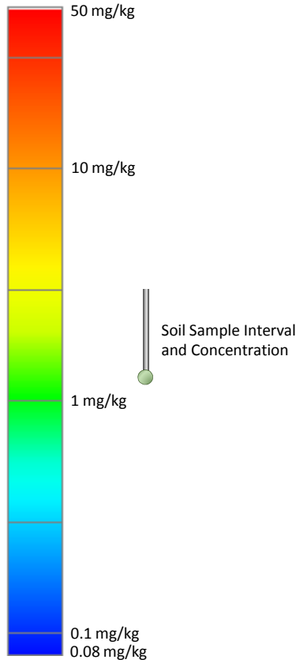


> 5 mg/kg

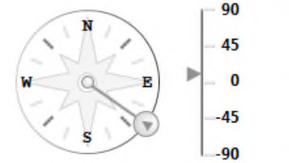


Concentration Scales

Soil Nitrate



Azimuth And Inclination



Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored spheres show soil nitrate concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal(below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

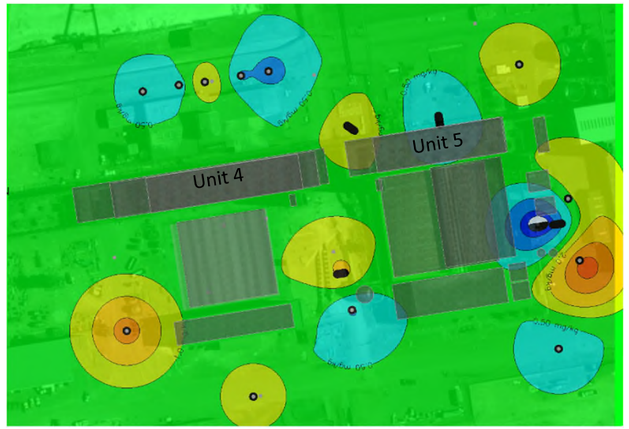
NITRATE DISTRIBUTION IN SOIL

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

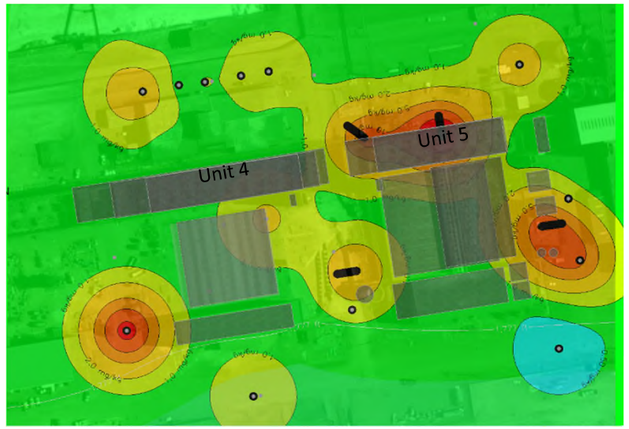
Figure No.
H-22

\\Tts1345\1\geosupvol1\PROJECTS\DATA\NERTM02\Mobilization 3\Powerpoint Figures\Fig G-32 – Nitrate Soil 3D Shells (11x17).pptx

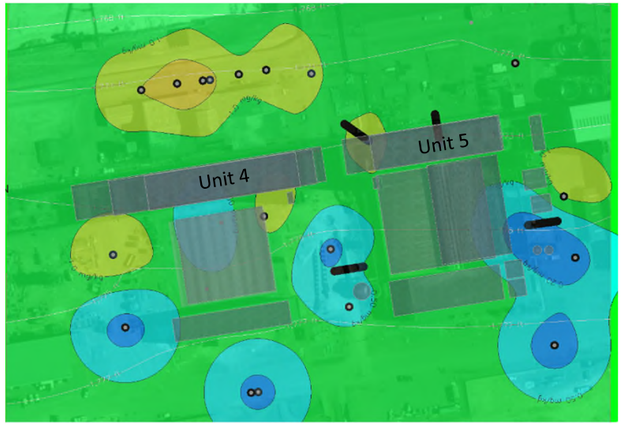
Horizontal Slice at 13’ bgs (1,800 feet amsl)



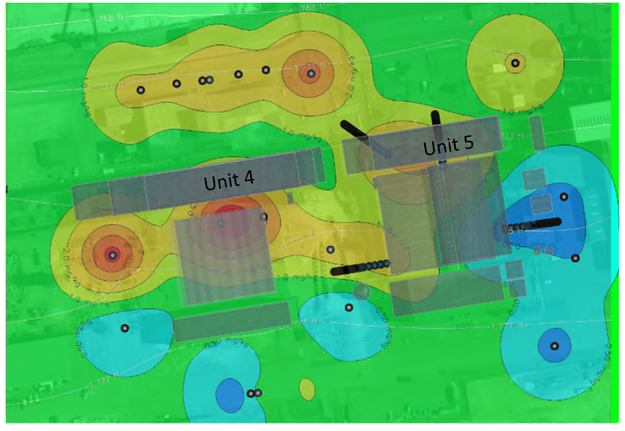
Horizontal Slice at 33’ bgs (1,780 feet amsl)



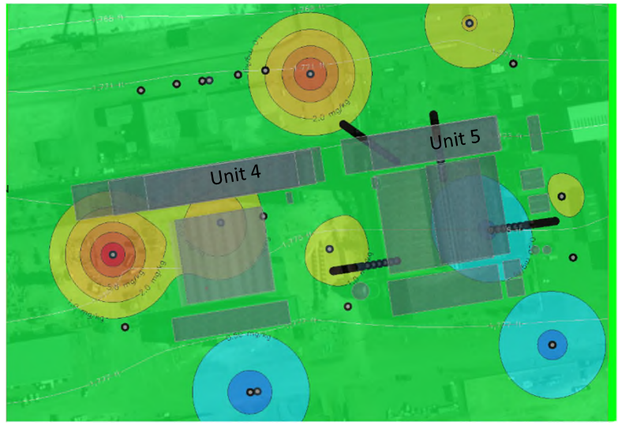
Horizontal Slice at 53’ bgs (1,760 feet amsl)



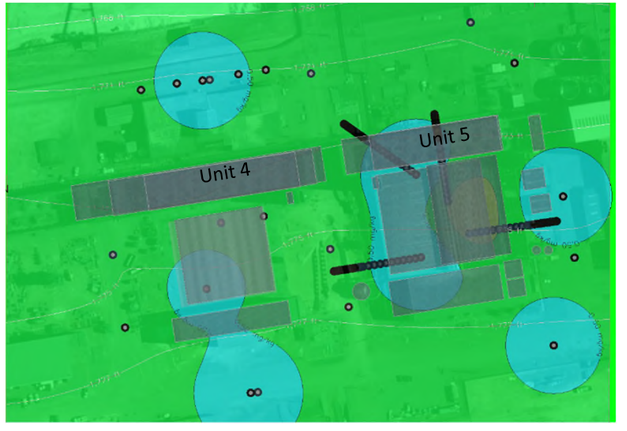
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)



Horizontal Slice at 153’ bgs (1,660 feet amsl)



Concentration Scales

Soil Nitrate

50 mg/kg

10 mg/kg

1 mg/kg

0.1 mg/kg

0.08 mg/kg

Borehole Location

N

0 270 540

Feet

Note:

1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

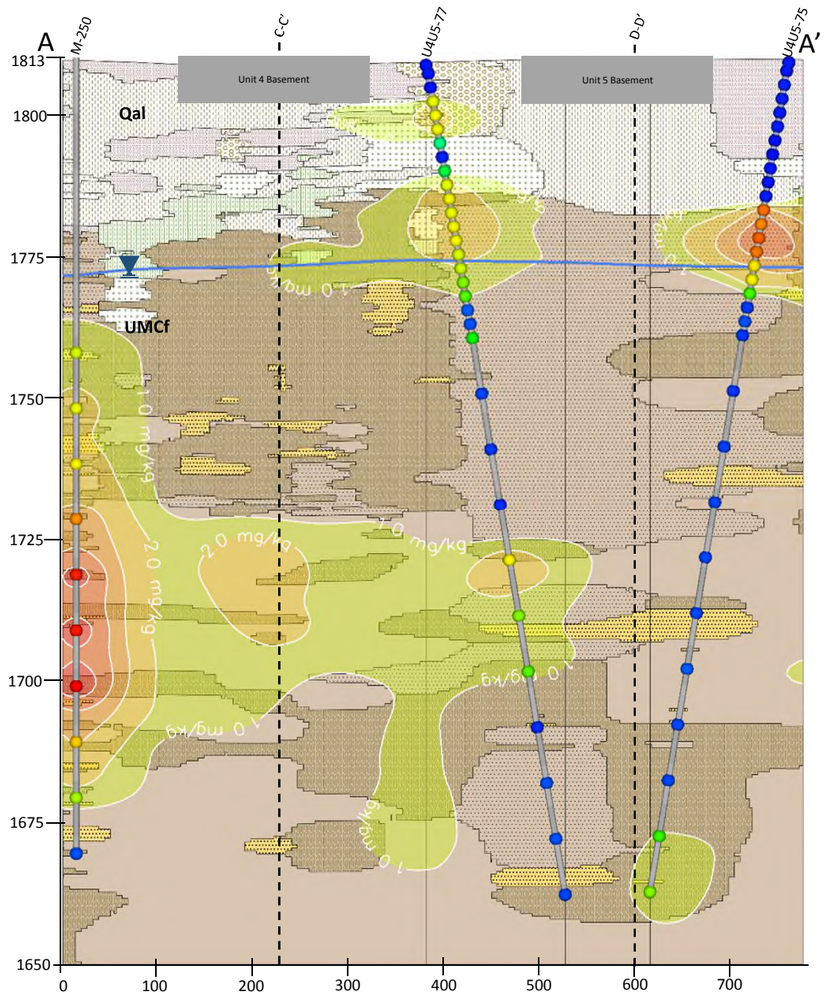
2D VISUALIZATION PLAN VIEW OF NITRATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

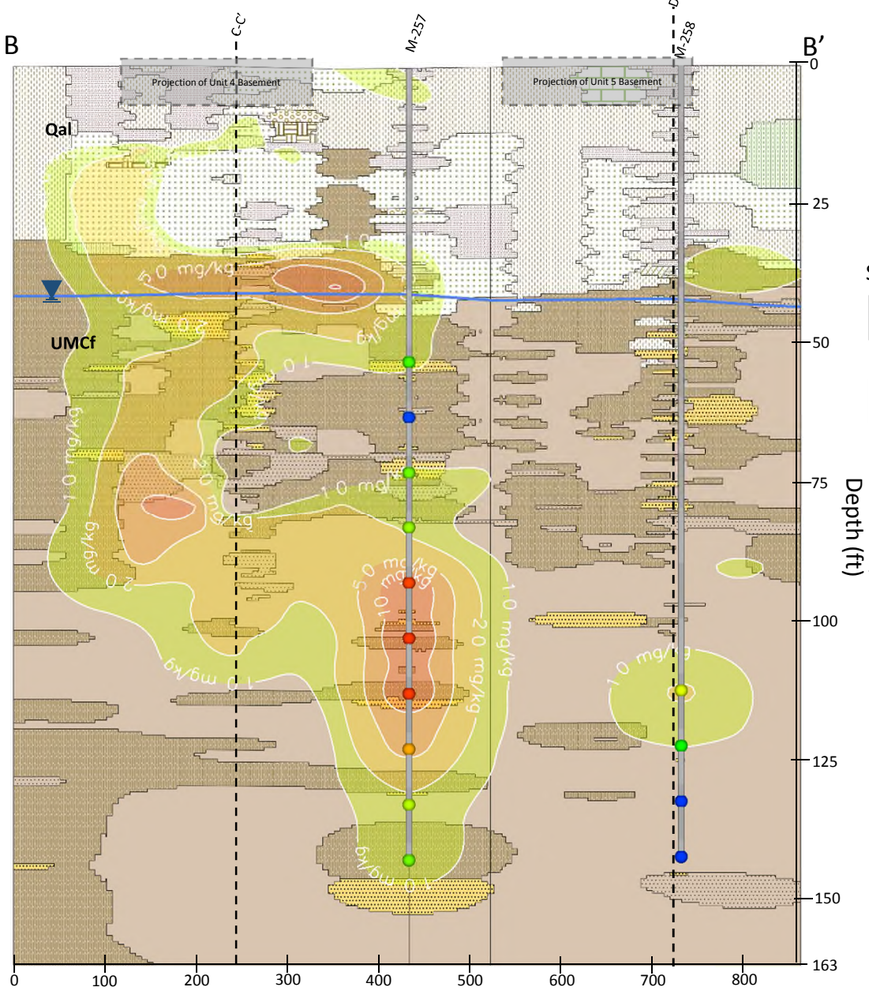
Figure No.
H-23

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-33 - Nitrate 2D Soil

Through Units 4 and 5

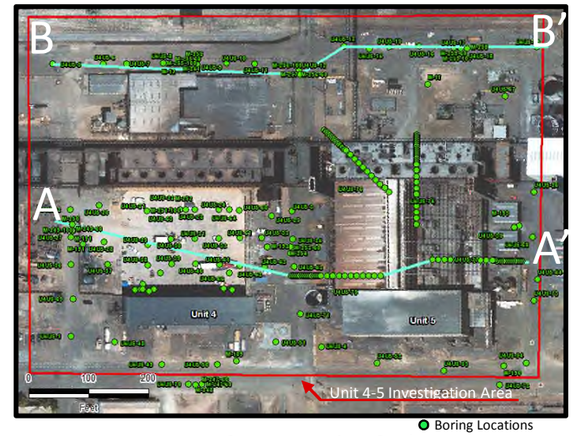


Downgradient (North)



Distance Along Section (ft)

Cross-Section Locations



Concentration Scales

Soil Nitrate

50 mg/kg

10 mg/kg

1 mg/kg

0.1 mg/kg

0.08 mg/kg

Water Table Surface

Soil Sample Interval and Concentration

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil nitrate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

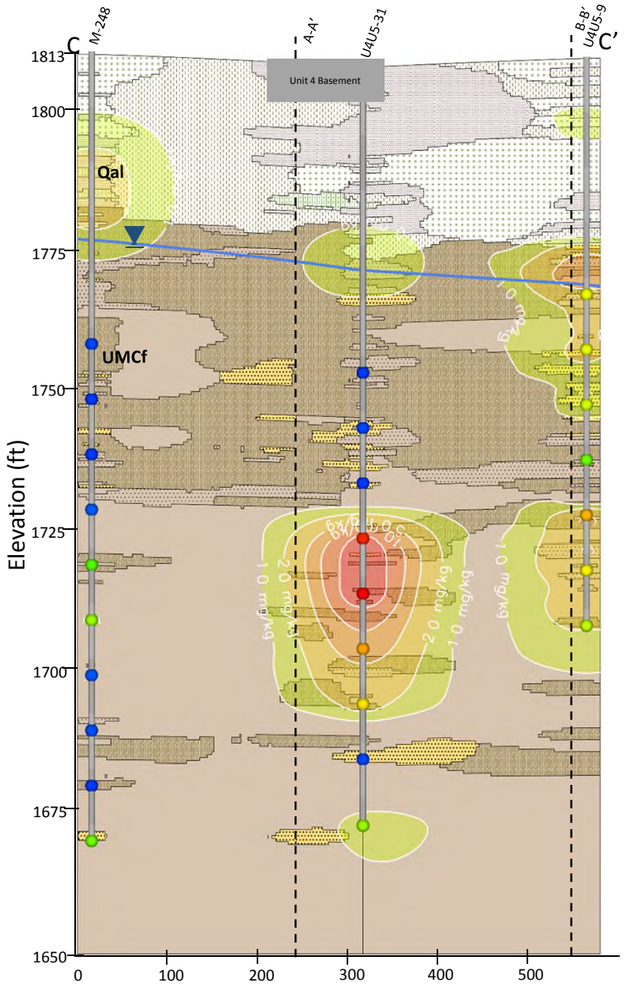
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF NITRATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

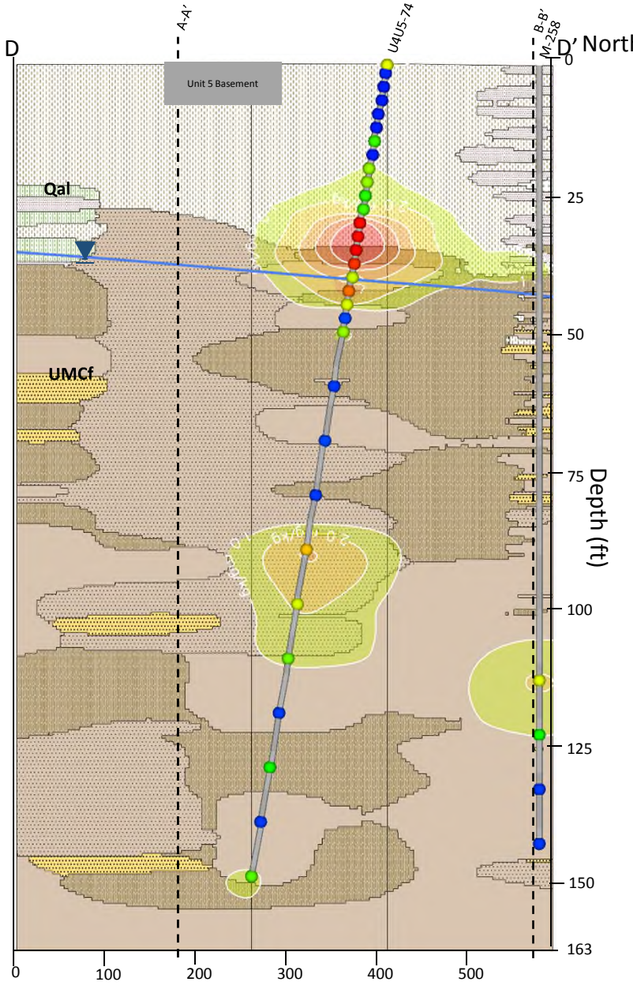
Figure No.
H-24

\\Tts13dfs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-34 - Nitrate Soil Sections EW

Through Unit 4

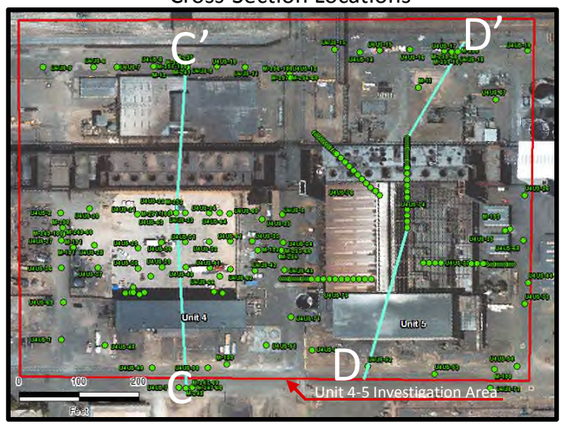


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Concentration Scales

Soil Nitrate

50 mg/kg

10 mg/kg

1 mg/kg

0.1 mg/kg

0.08 mg/kg

Water Table Surface

Soil Sample Interval and Concentration

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored spheres show soil nitrate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
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9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

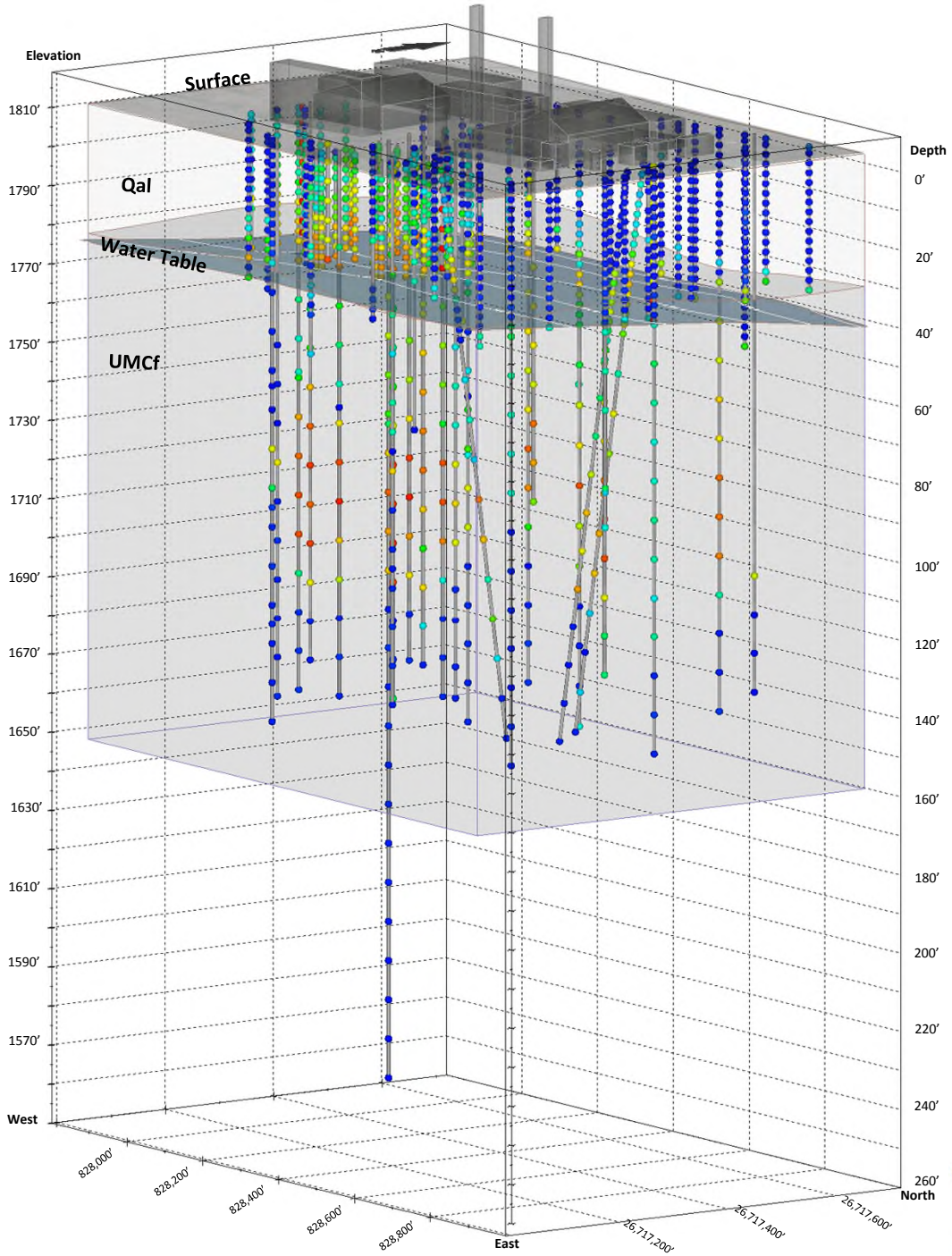
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF NITRATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-25

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERTTM02\Mobilization 3\Powerpoint Figures\Fig G-35 - Nitrate Soil Sections NS



Concentration Scale

Soil Chloroform

10 mg/kg

1 mg/kg

0.1 mg/kg

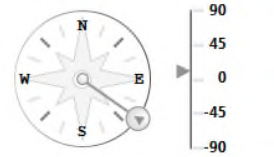
0.01 mg/kg

0.001 mg/kg

0.0001 mg/kg

Soil Sample Interval and Concentration

Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored spheres show soil chloroform concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

CHLOROFORM SOIL SAMPLE RESULTS

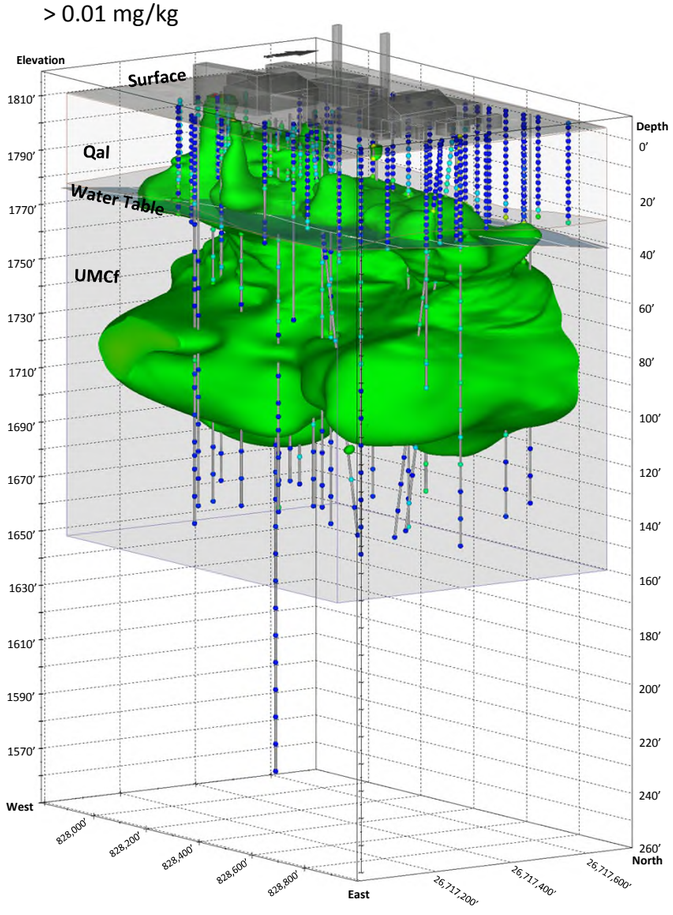
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.

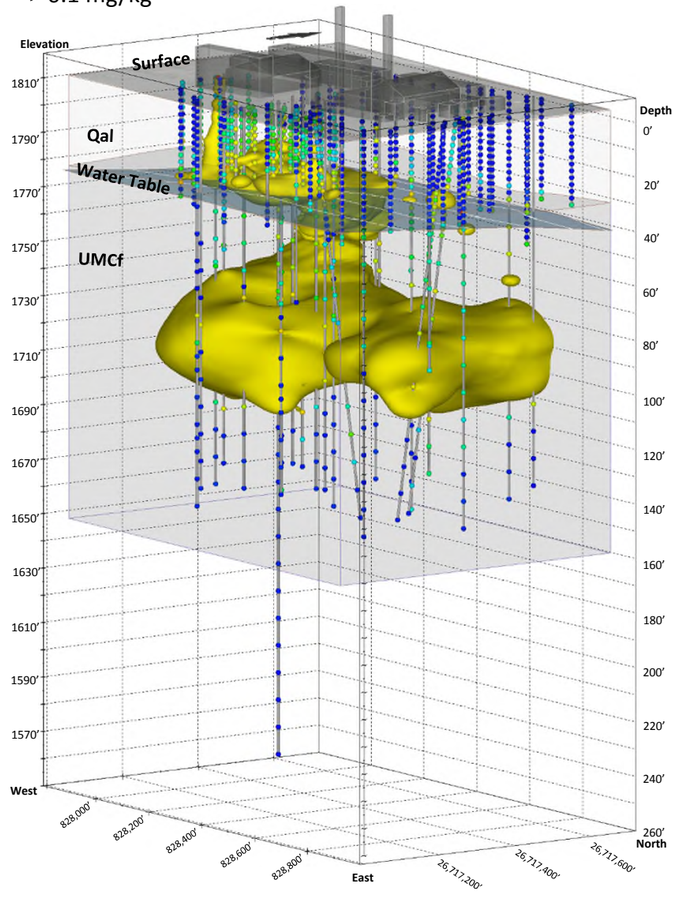
H-26

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERTM\02\Mobilization 3\Powerpoint Figures\Fig G-21 - Chloroform Soil 3D PDF85_11

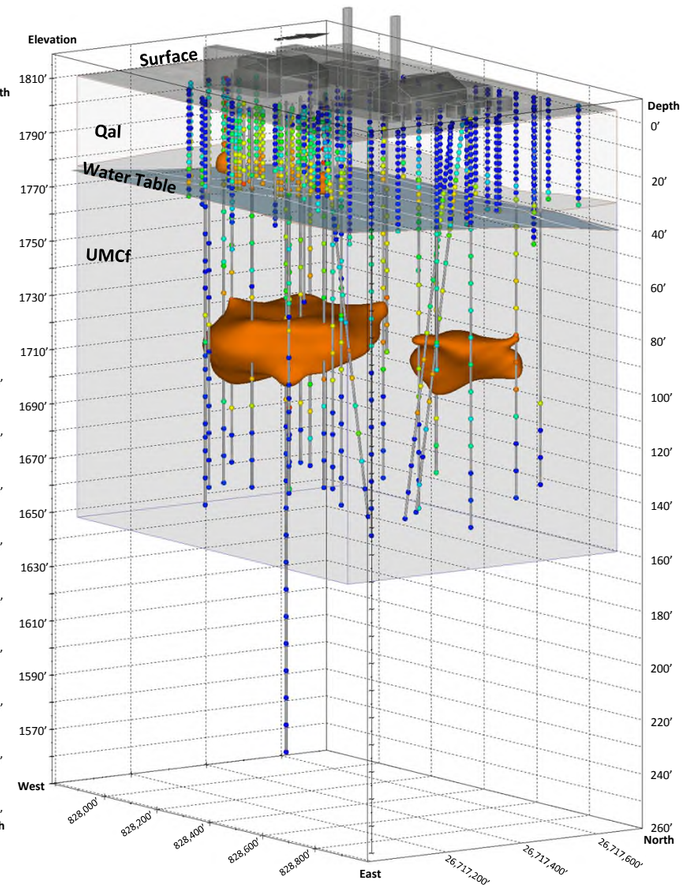
> 0.01 mg/kg



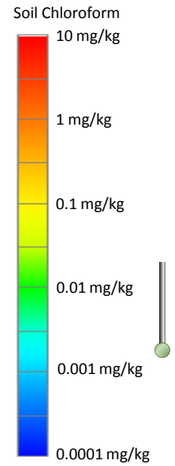
> 0.1 mg/kg

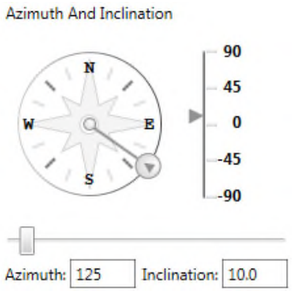


> 1.0 mg/kg



Concentration Scale





Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored spheres show soil chloroform concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal(below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

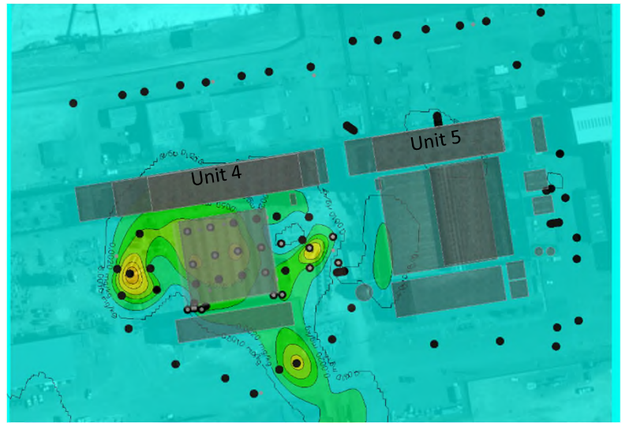
CHLOROFORM DISTRIBUTION IN SOIL

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

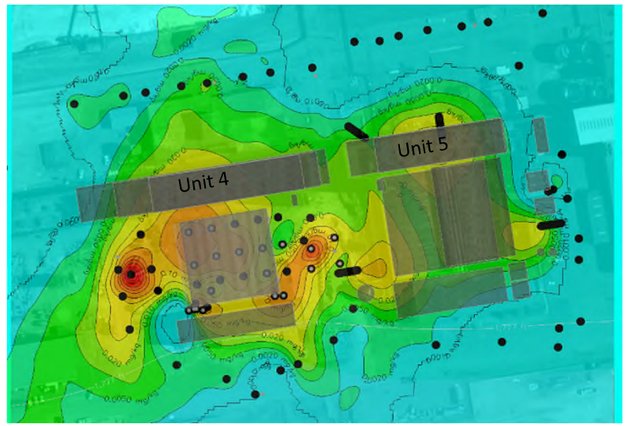
Figure No.
H-27

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\[Fig G-22 - Chloroform Soil 3D

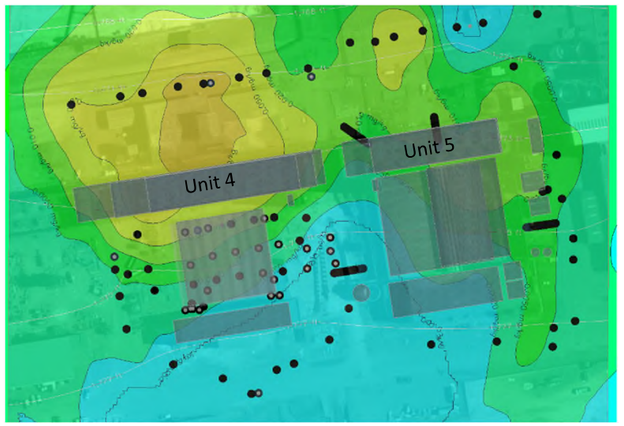
Horizontal Slice at 13’ bgs (1,800 feet amsl)



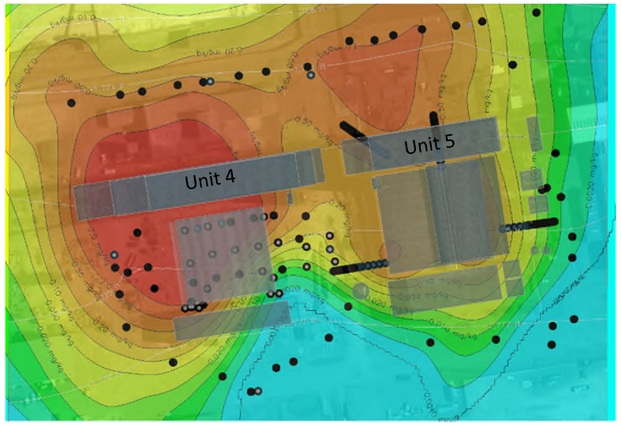
Horizontal Slice at 33’ bgs (1,780 feet amsl)



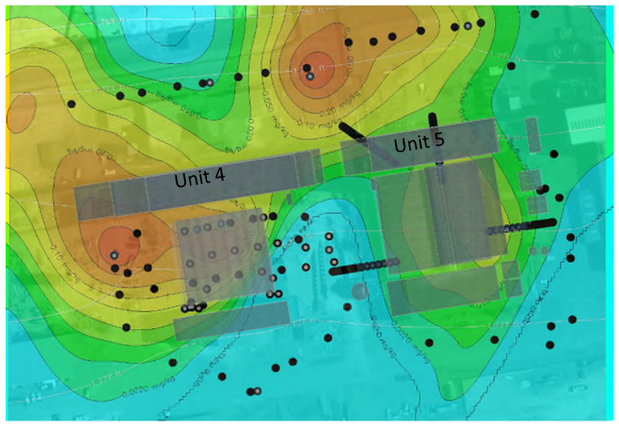
Horizontal Slice at 53’ bgs (1,760 feet amsl)



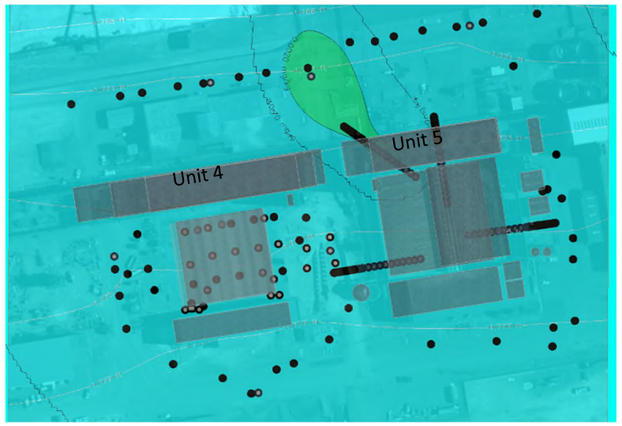
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)

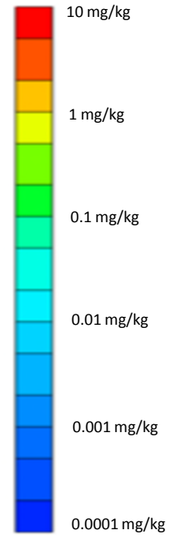


Horizontal Slice at 153’ bgs (1,660 feet amsl)



Concentration Scales

Soil Chloroform



● Borehole Location

N

0 270 540

Feet

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

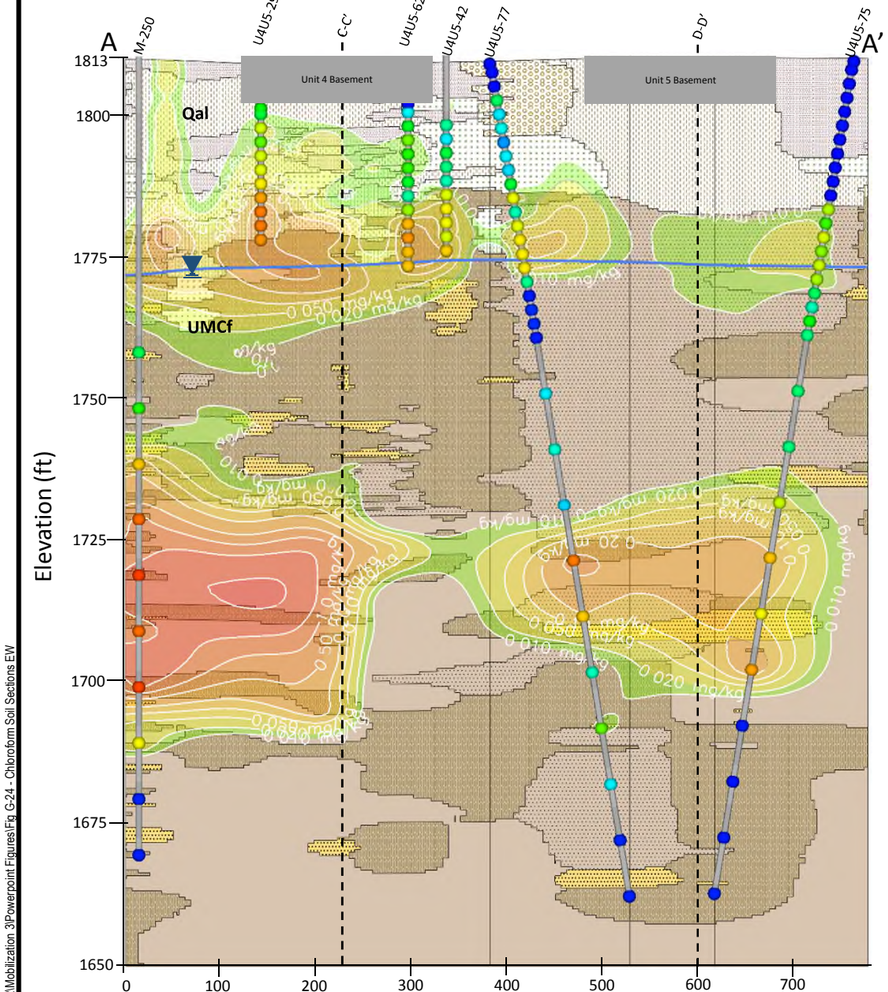
2D VISUALIZATION PLAN VIEW OF CHLOROFORM DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

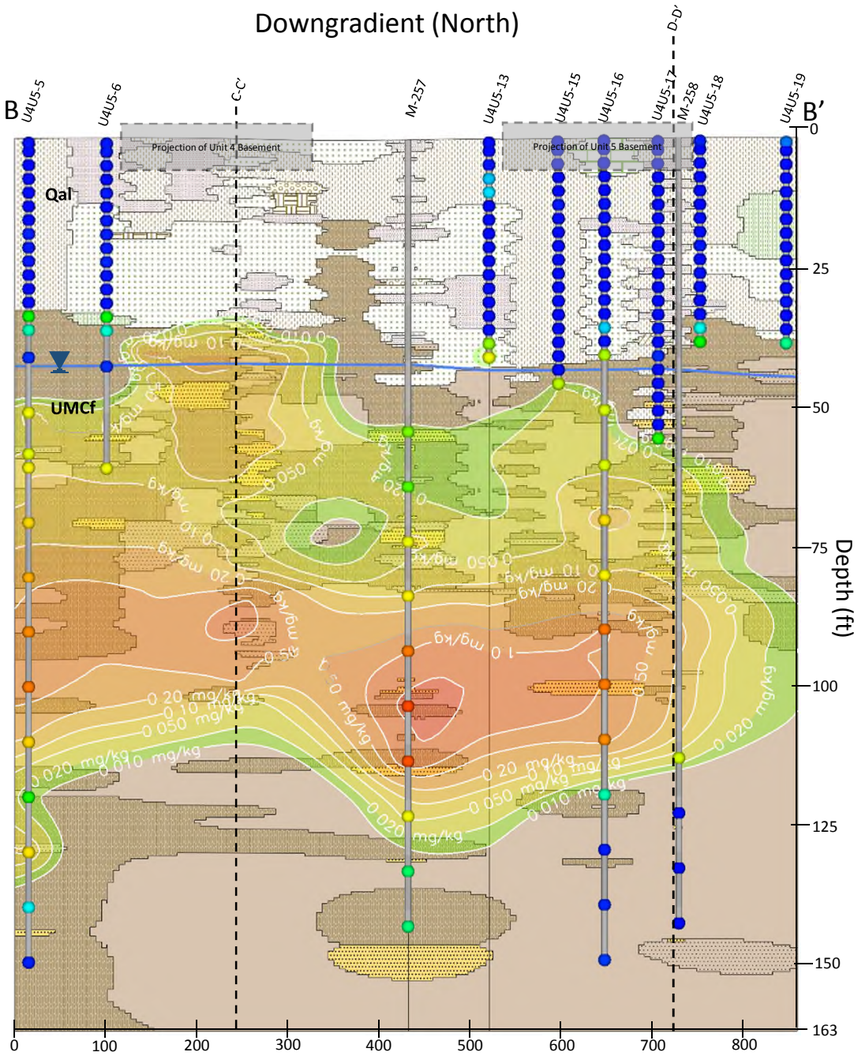
Figure No.
H-28

\\Tts134fs1\geosupvol1\PROJECTS\DATAINERT\M02\Mobilization 3\Powerpoint Figures\Fig G-23 - Chloroform 2D Soil v2

Through Units 4 and 5

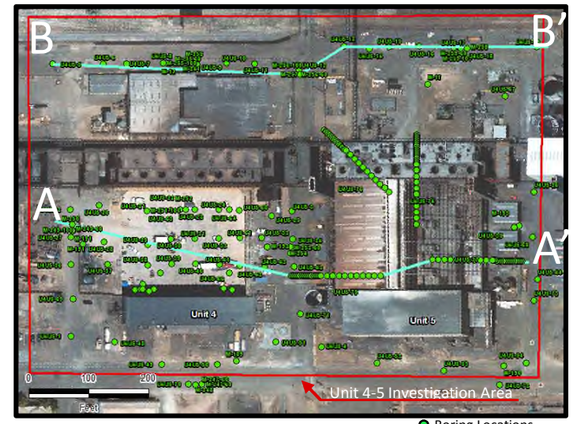


Downgradient (North)



Distance Along Section (ft)

Cross-Section Locations



Concentration Scales

Soil Chloroform

10 mg/kg
1 mg/kg
0.1 mg/kg
0.01 mg/kg
0.001 mg/kg
0.0001 mg/kg

Water Table Surface

Soil Sample Interval and Concentration

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil chloroform concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
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8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

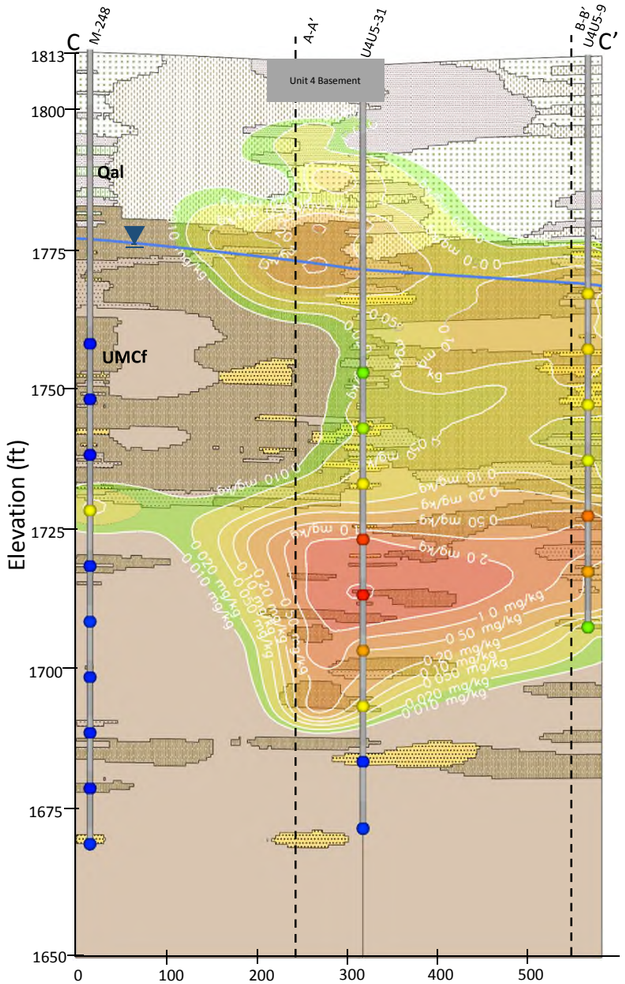
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

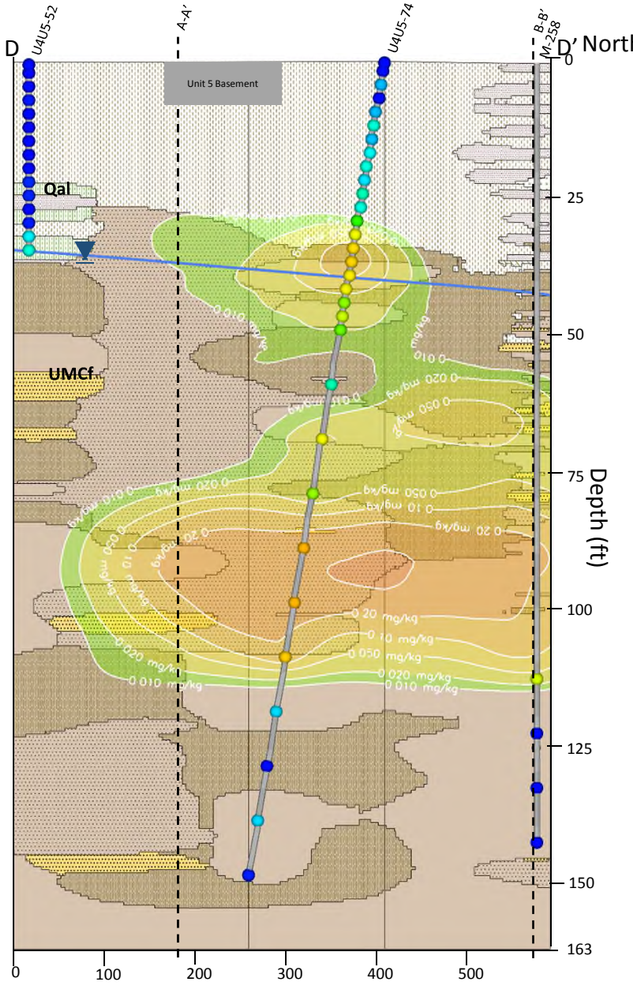
Figure No.
H-29

\\Trs134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-24 - Chloroform Soil Sections EW

Through Unit 4

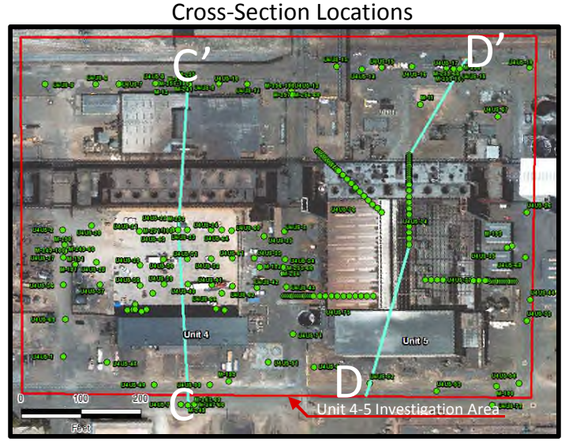


Through Unit 5

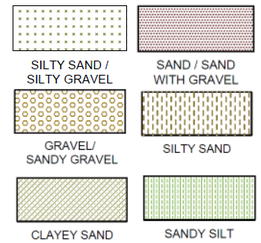


Distance Along Section (ft)

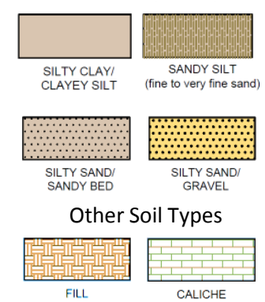
Cross-Section Locations



Soil Types in Alluvium (Qal)

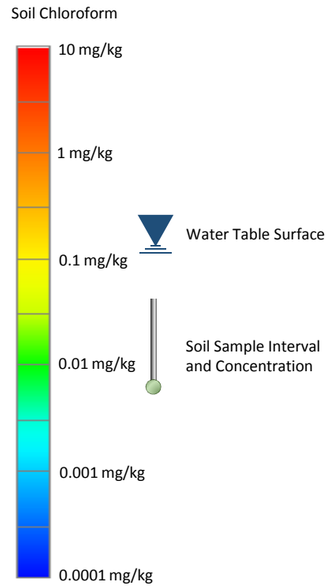


Soil Types in Upper Muddy Creek Fm (UMCf)



Other Soil Types

Concentration Scales



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored spheres show soil perchlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

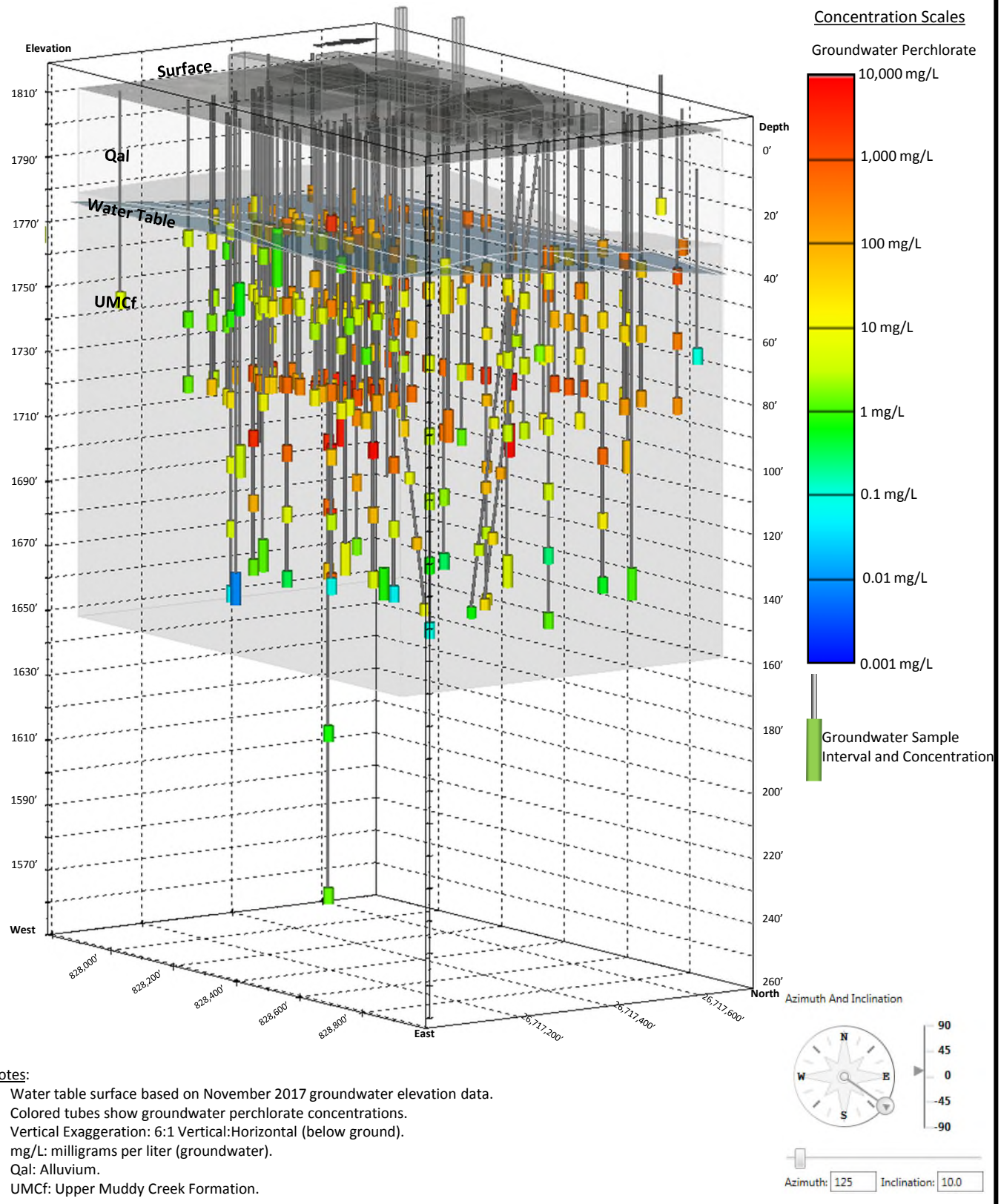
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-30

\\Ttst34fs1\geosupvol\1PROJECTS\DATAINERTM02\Mobilization 3\Powerpoint Figures\\Fig G-25 - Chloroform Soil Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored tubes show groundwater perchlorate concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).
5. Qal: Alluvium.
6. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

PERCHLORATE GROUNDWATER SAMPLE RESULTS

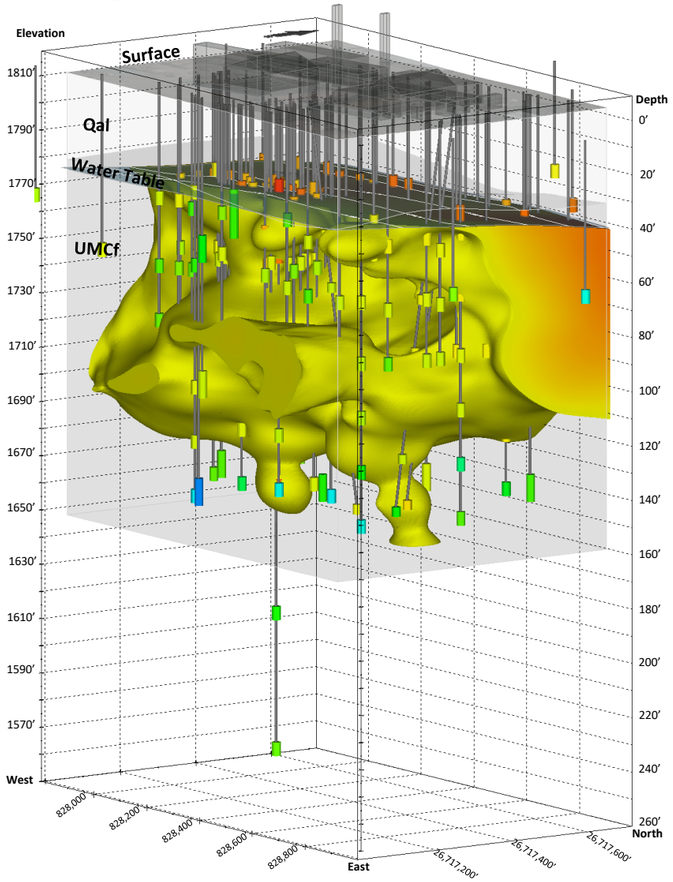
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.

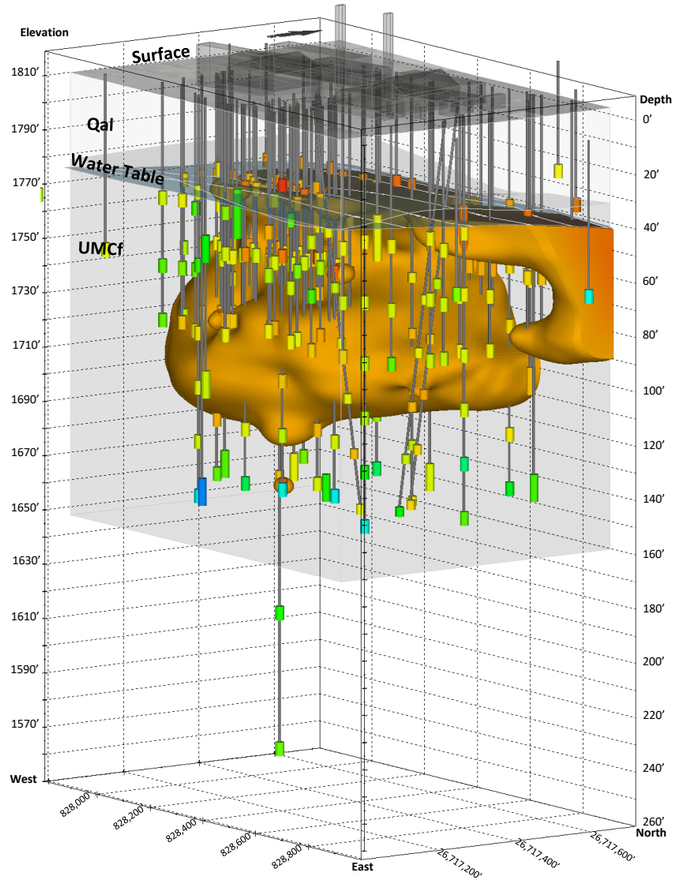
H-31

\\Tts134fs1\geosupvol1\PROJECTS\DATA\ NERTM02\Mobilization 3\Powerpoint Figures\Fig G-6 - Perchlorate GW 3D85_11

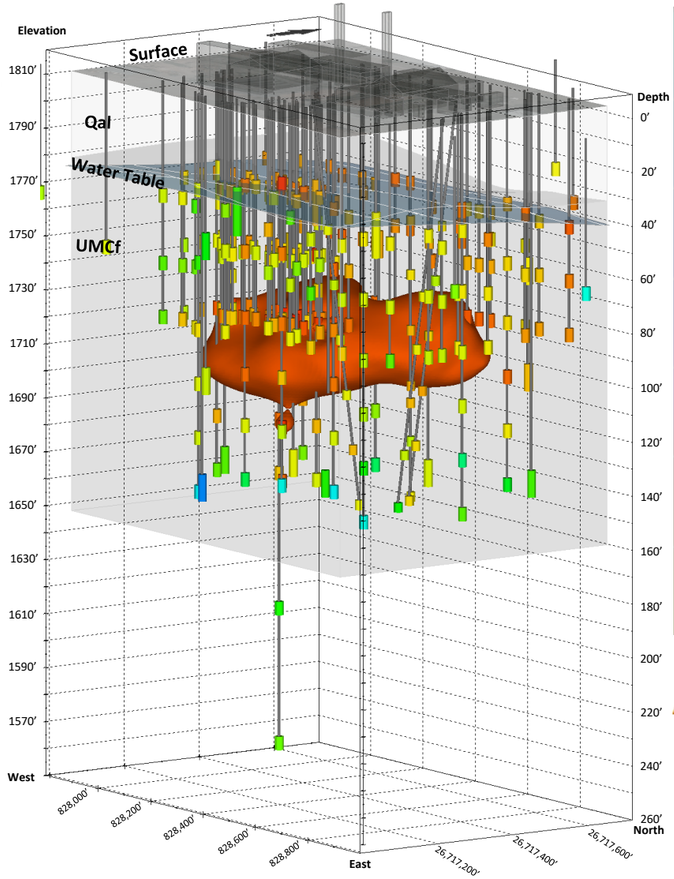
> 10 mg/L



> 100 mg/L

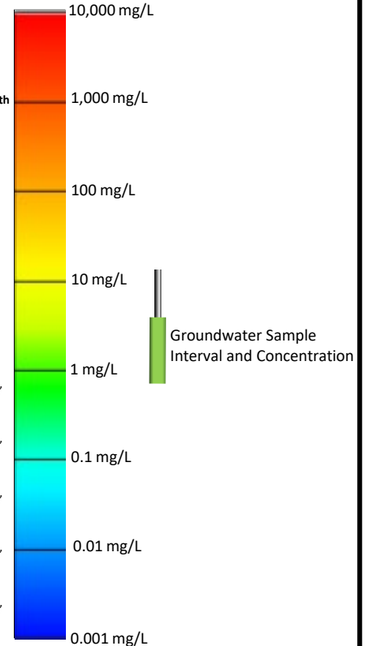


> 1,000 mg/L

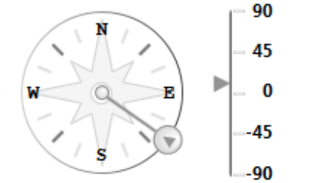


Concentration Scales

Groundwater Perchlorate



Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored tubes show groundwater perchlorate concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

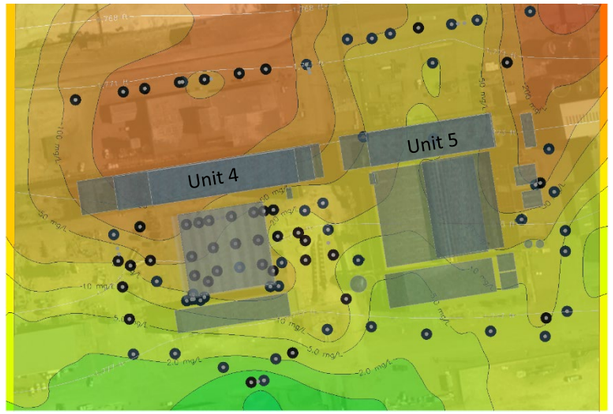
PERCHLORATE DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB

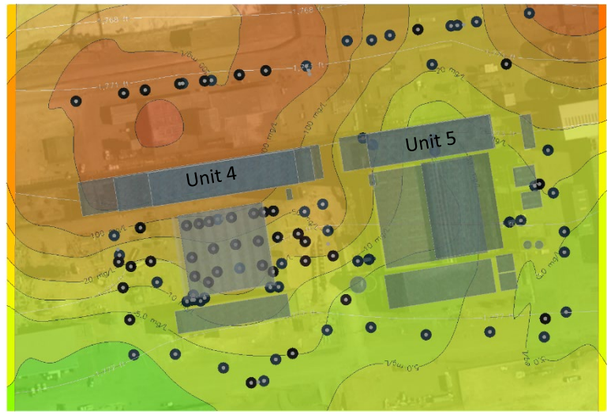
Figure No.
H-32

\\Tts134fs1\geosurvol\1\PROJECTS\DATA\ NERTM02\Mobilization 3\Powerpoint Figures\Fig G-7 - Perchlorate GW 3D

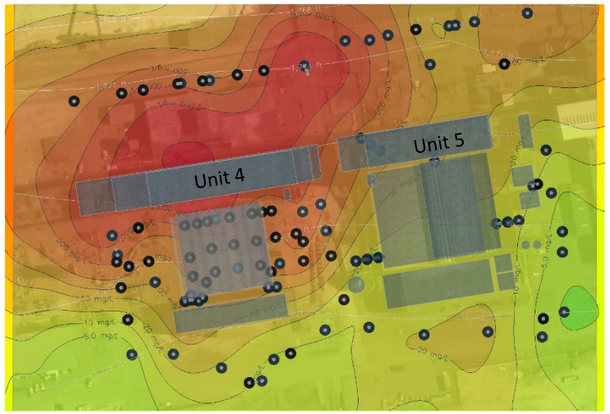
Horizontal Slice at 53’ bgs (1760 ft amsl)



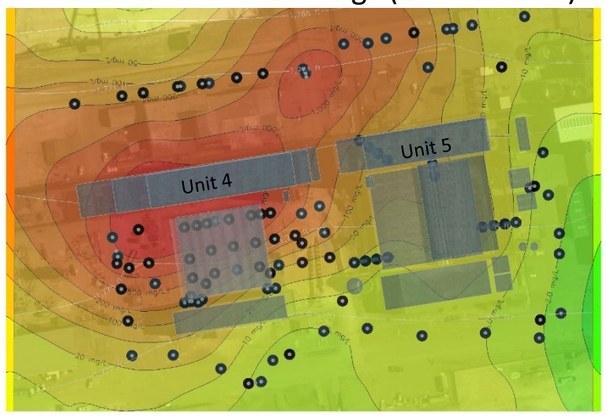
Horizontal Slice at 73’ bgs (1740 ft amsl)



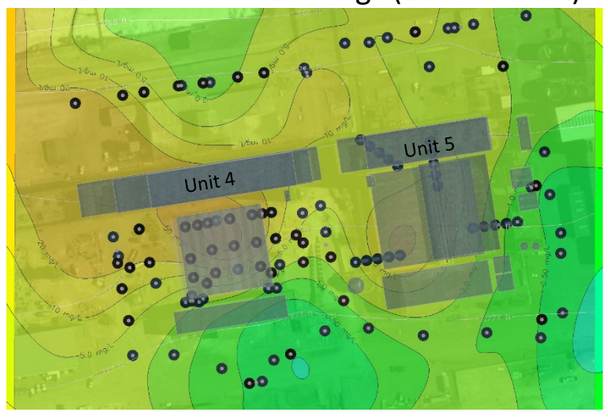
Horizontal Slice at 93’ bgs (1720 ft amsl)



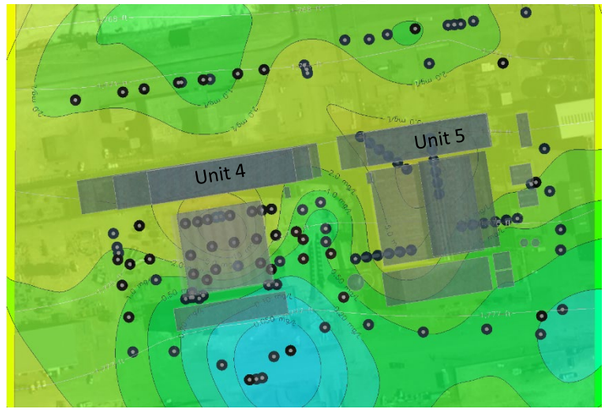
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)



Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scales

Groundwater Perchlorate

- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L

● Borehole Location

N

0 270 540

Feet

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth

\\Tts134fs1\geosupvol1\PROJECTS\DATA\ NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-8 - Perchlorate 2D GW_v2

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

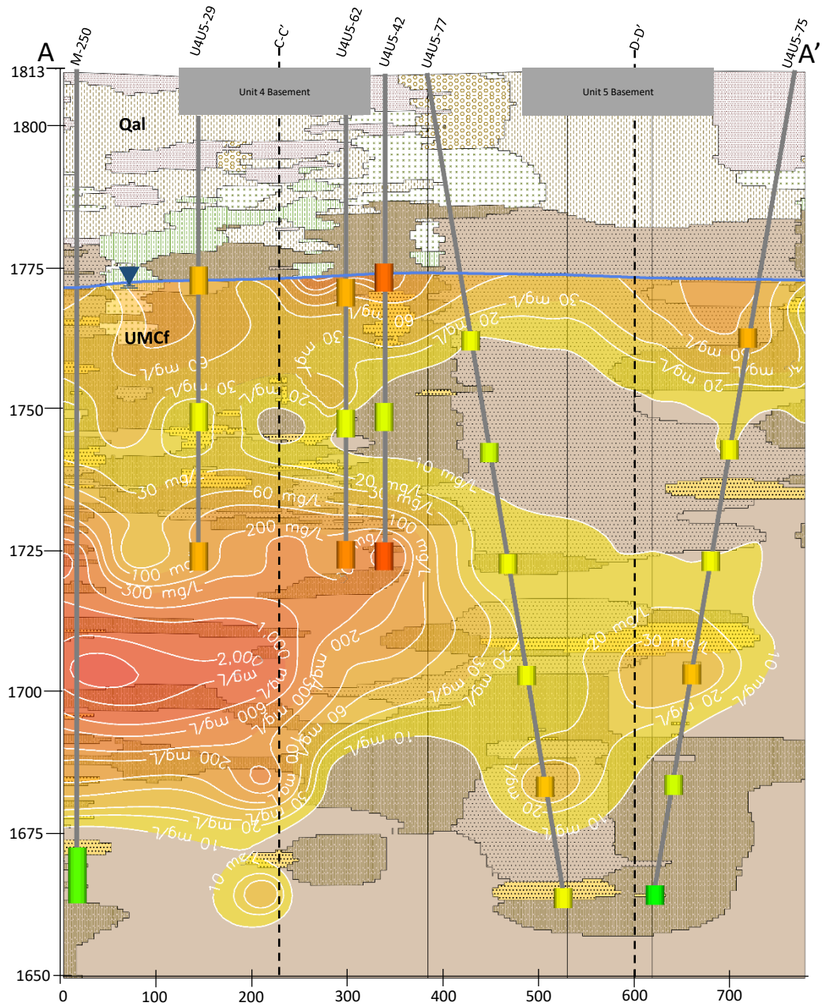
HENDERSON, NEVADA

2D VISUALIZATION PLAN VIEW OF PERCHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

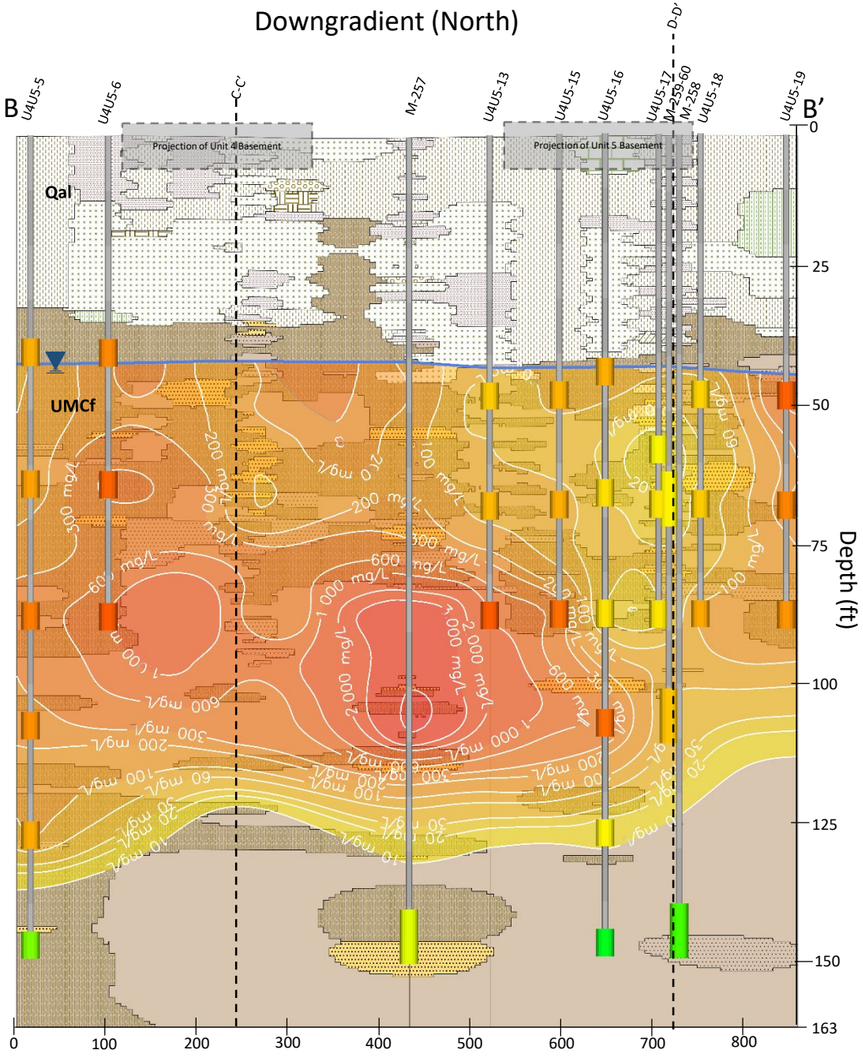
Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB

Figure No.
H-33

Through Units 4 and 5

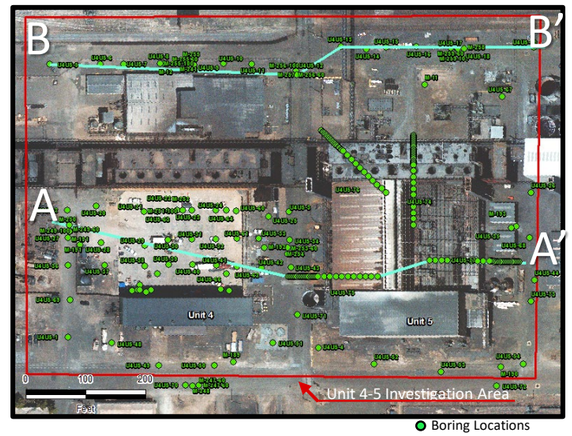


Downgradient (North)



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Concentration Scales

Groundwater Perchlorate

- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L

Water Table Surface

Groundwater Sample Interval and concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater perchlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

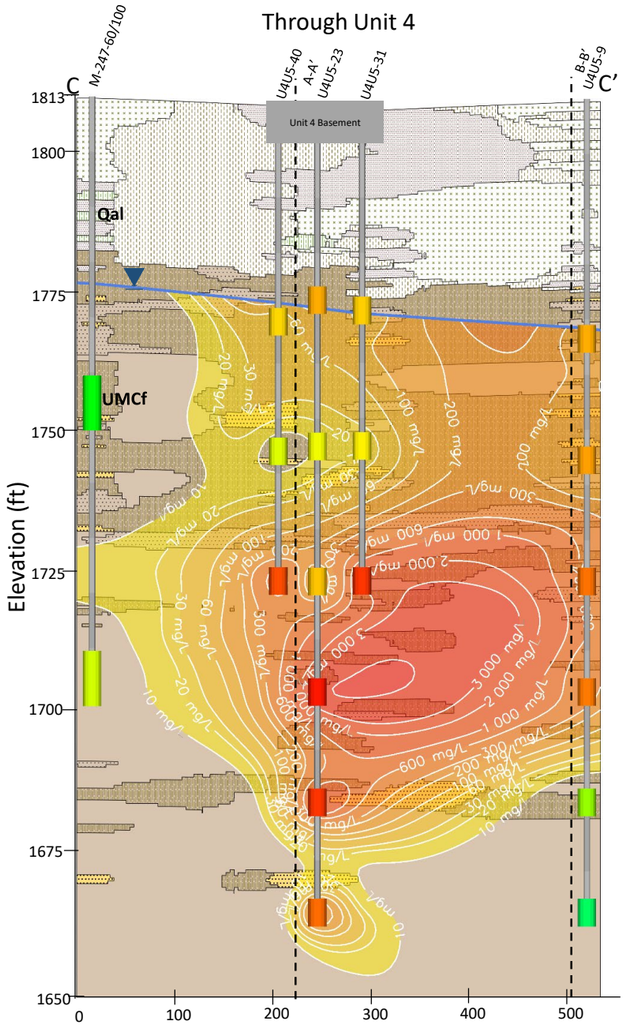
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB

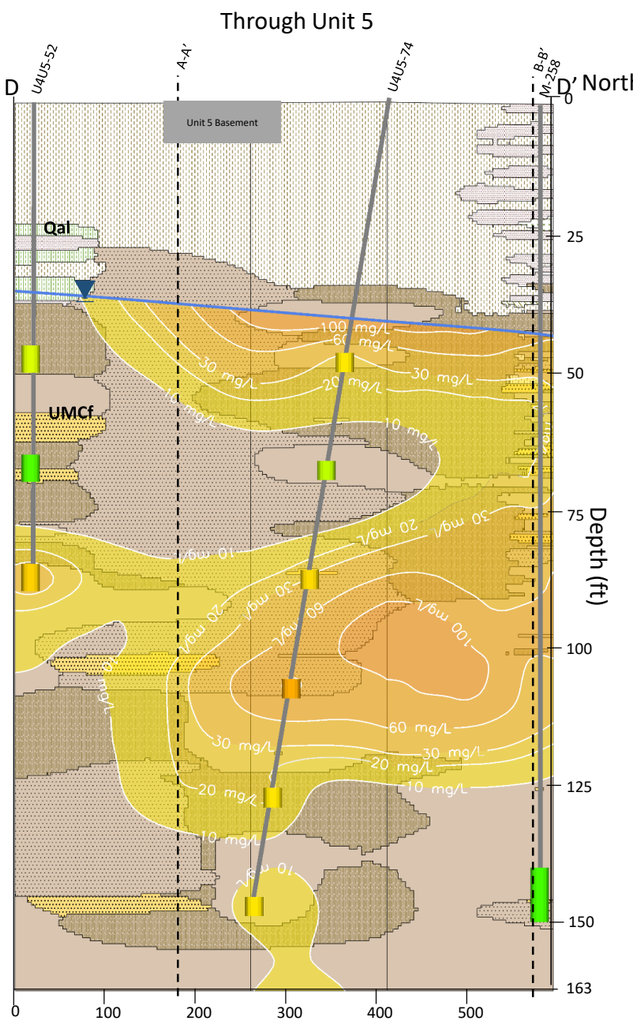
Figure No.
H-34

\\Tts134fs1\gesoupvol1\PROJECTS\DATA \NERTM02\Mobilization 3\Powerpoint Figures\Fig G-9 - Perchlorate GW Sections EW

Through Unit 4

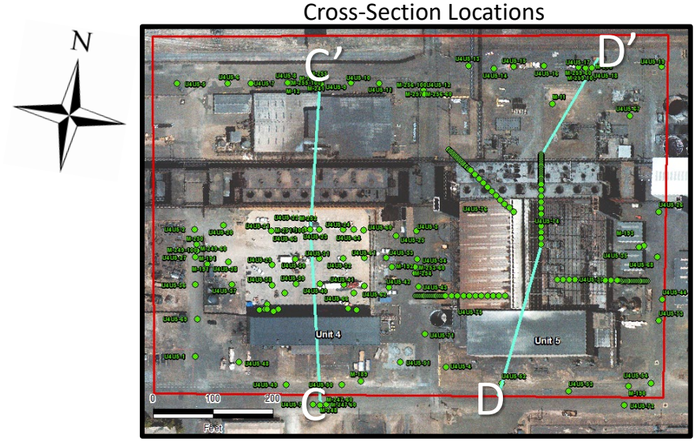


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Concentration Scales

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Groundwater Perchlorate

- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L

Water Table Surface

Groundwater Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored tubes show groundwater perchlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

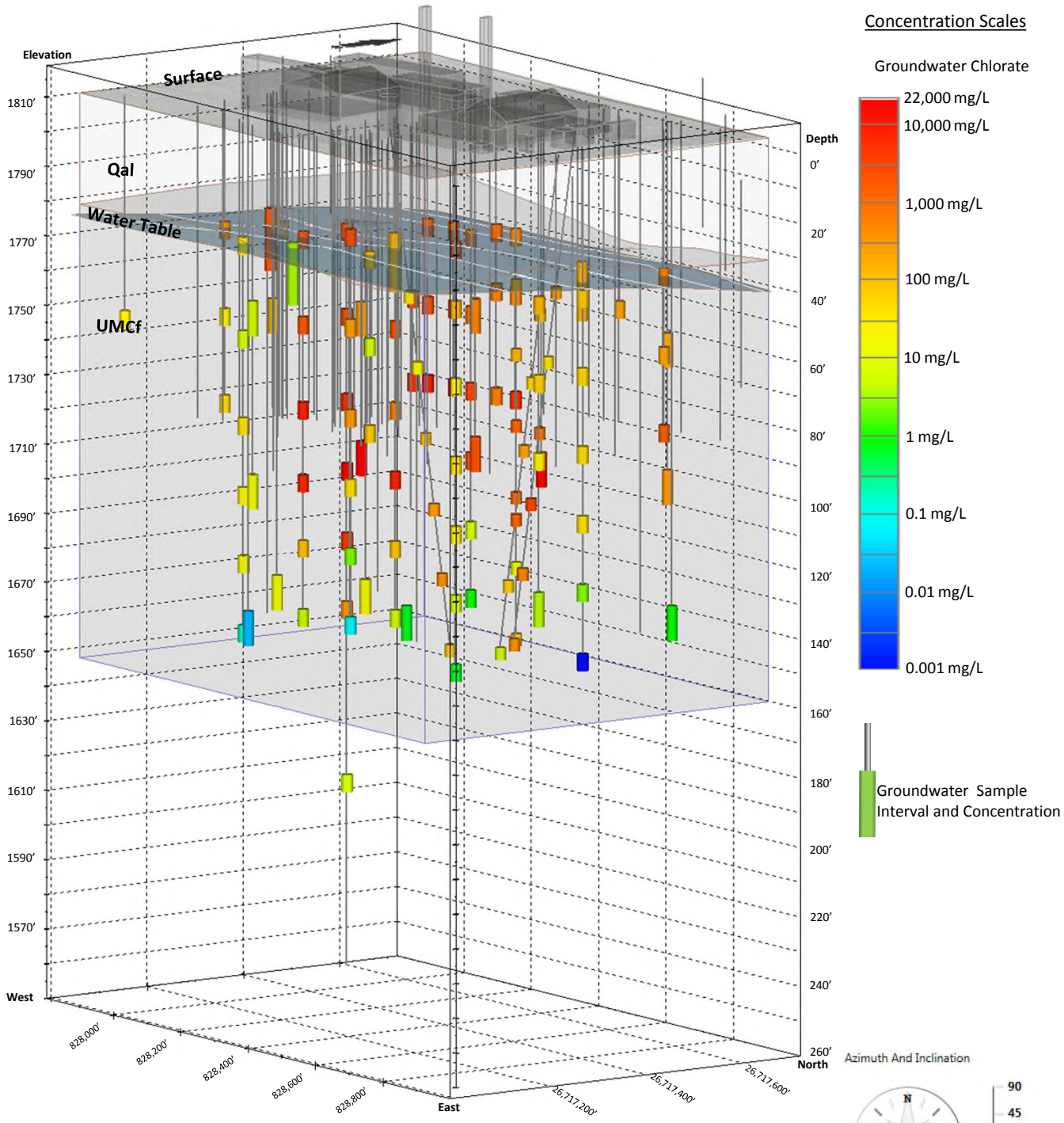
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502019
Date:	August 23, 2019
Designed By:	MRB

Figure No.
H-35

\\Tts134fs1\geosupvol1\PROJECTS\DATA\ M02\Mobilization 3\Powerpoint Figures\Fig G-10 - Perchlorate GW Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored tubes show groundwater chlorate concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).
5. Qal: Alluvium.
6. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

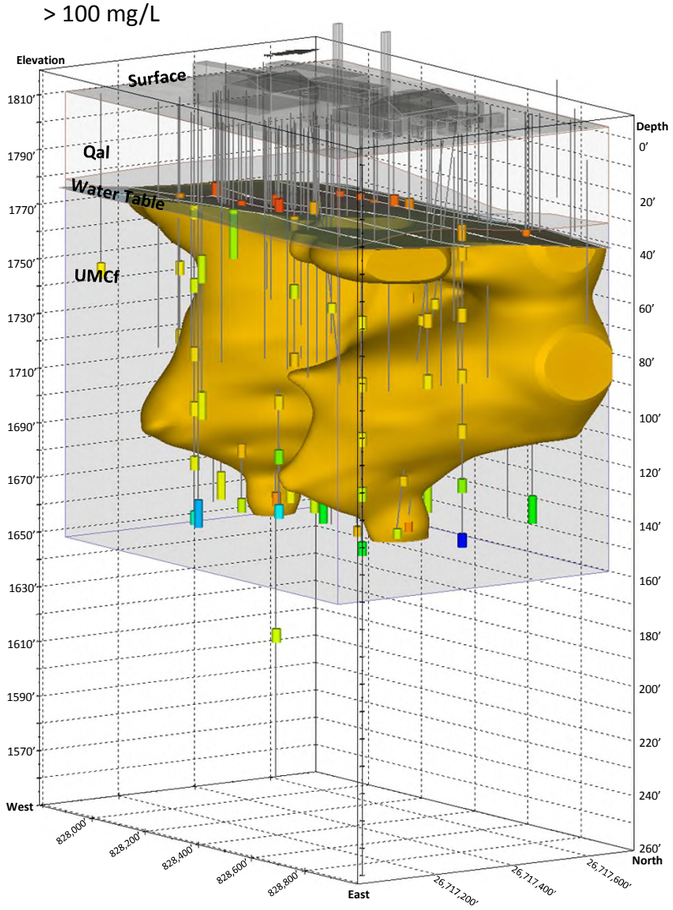
CHLORATE GROUNDWATER SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

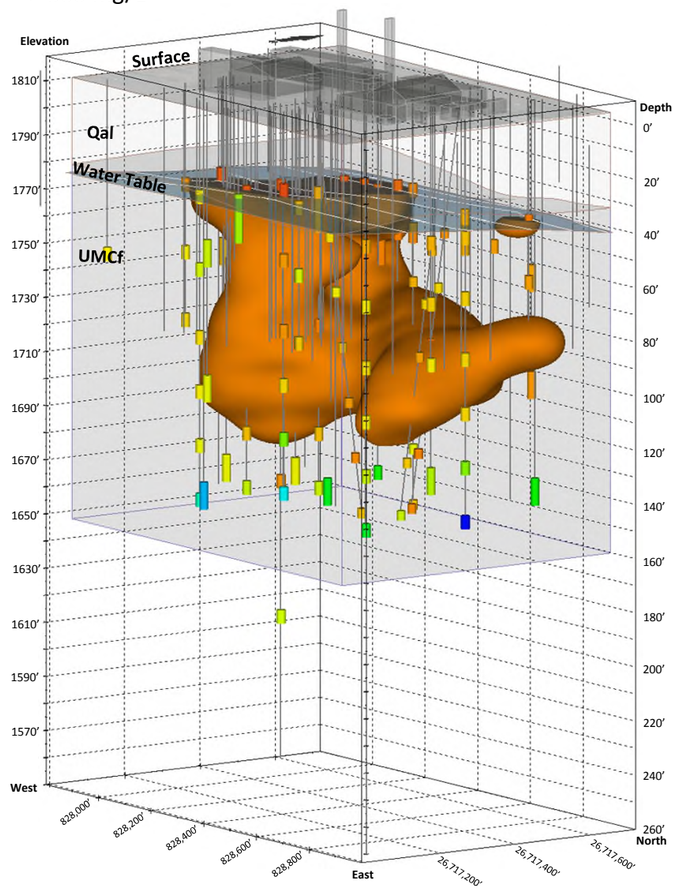
Figure No.
H-36

\\Tts134fs1\geosun\vol1\PROJECTS\DATA\NERTM\02\Mobilization 3\Powerpoint Figures\Fig G-46 - Chlorate GW 3D85_11

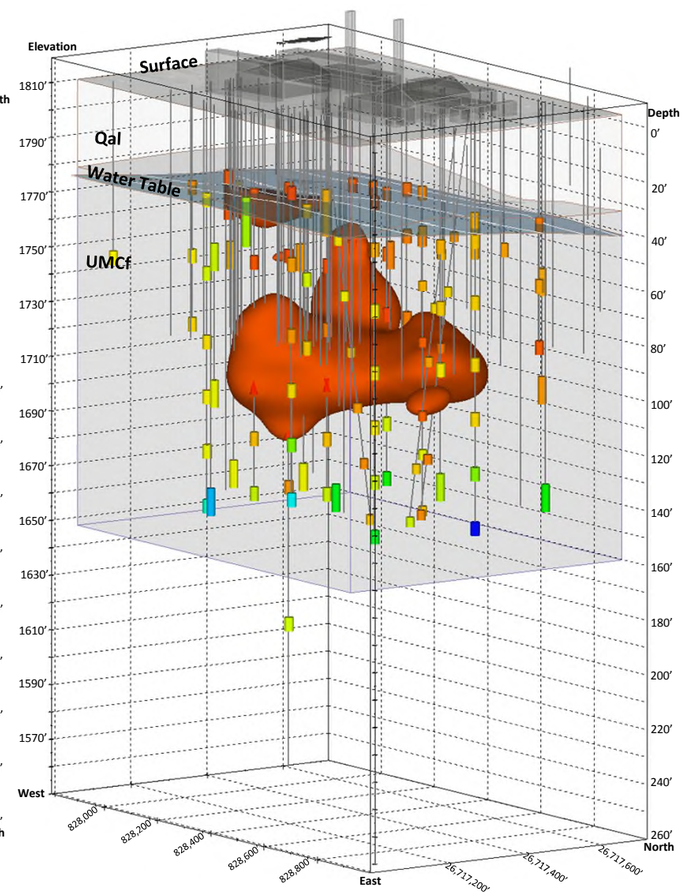
> 100 mg/L



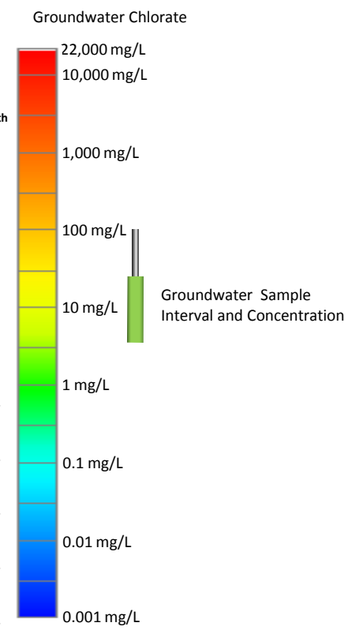
> 500 mg/L

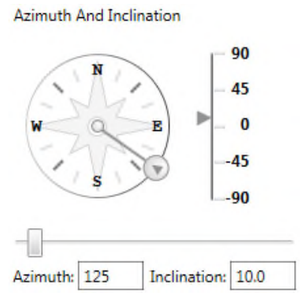


> 2000 mg/L



Concentration Scales





Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored tubes show groundwater chlorate concentrations.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

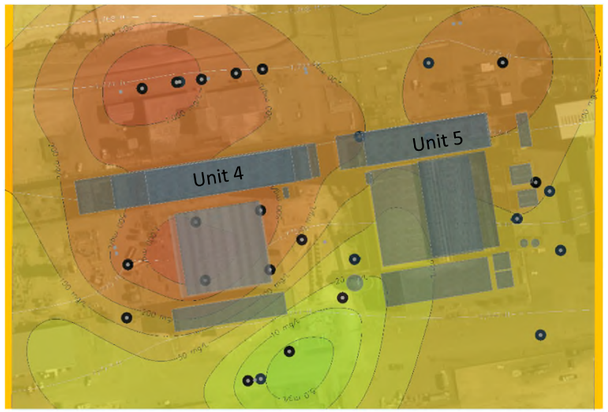
CHLORATE DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

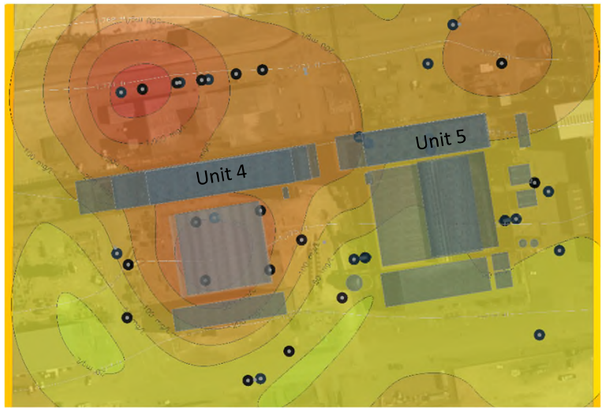
Figure No.
H-37

\\Tts134fs1\geosuvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-47 - Chlorate GW 3D

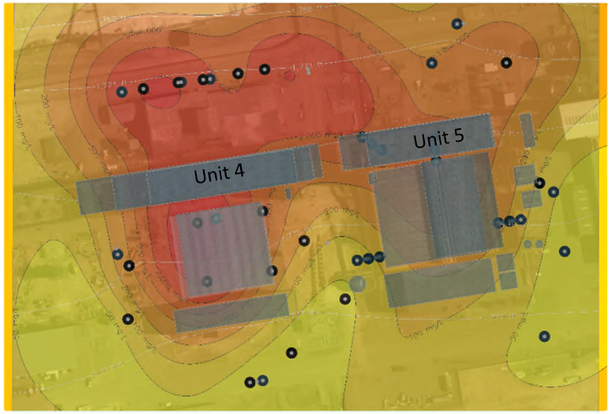
Horizontal Slice at 53’ bgs (1760 ft amsl)



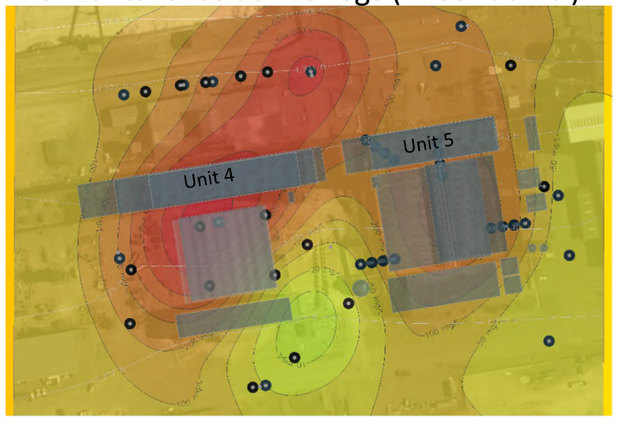
Horizontal Slice at 73’ bgs (1740 ft amsl)



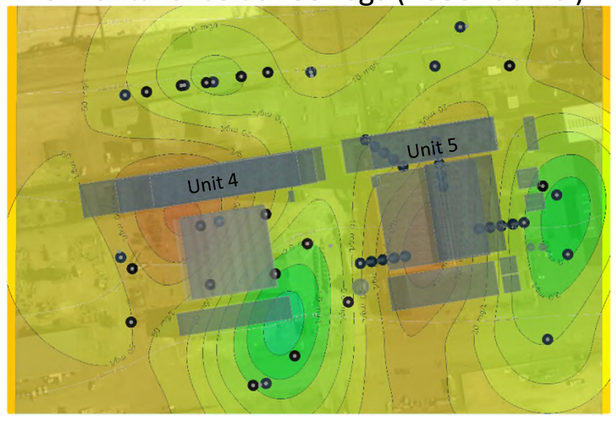
Horizontal Slice at 93’ bgs (1720 ft amsl)



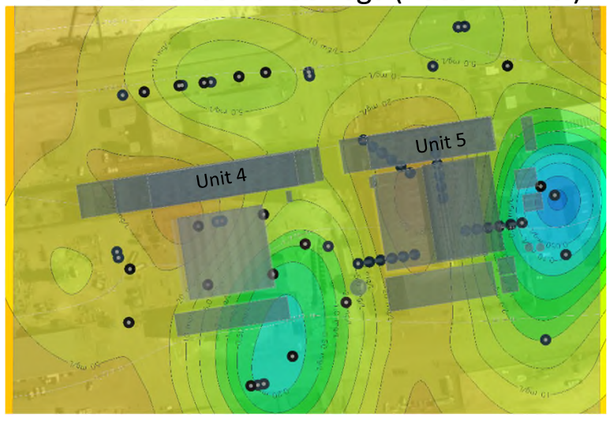
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)



Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scales

Groundwater Chlorate

- 22,000 mg/L
- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L

● Borehole Location

N

0 270 540

Feet

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth

\\Tts134fs1\oeosuvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-48 – Chlorate 2D GW

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

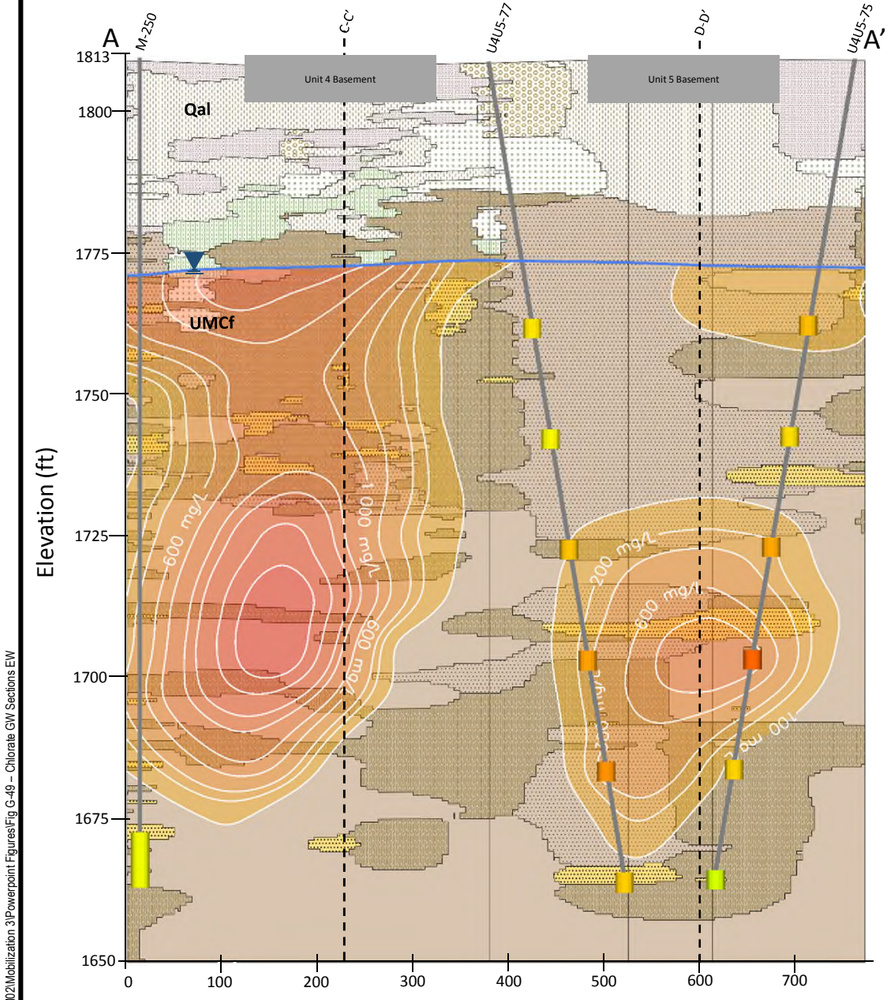
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION PLAN VIEW OF CHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

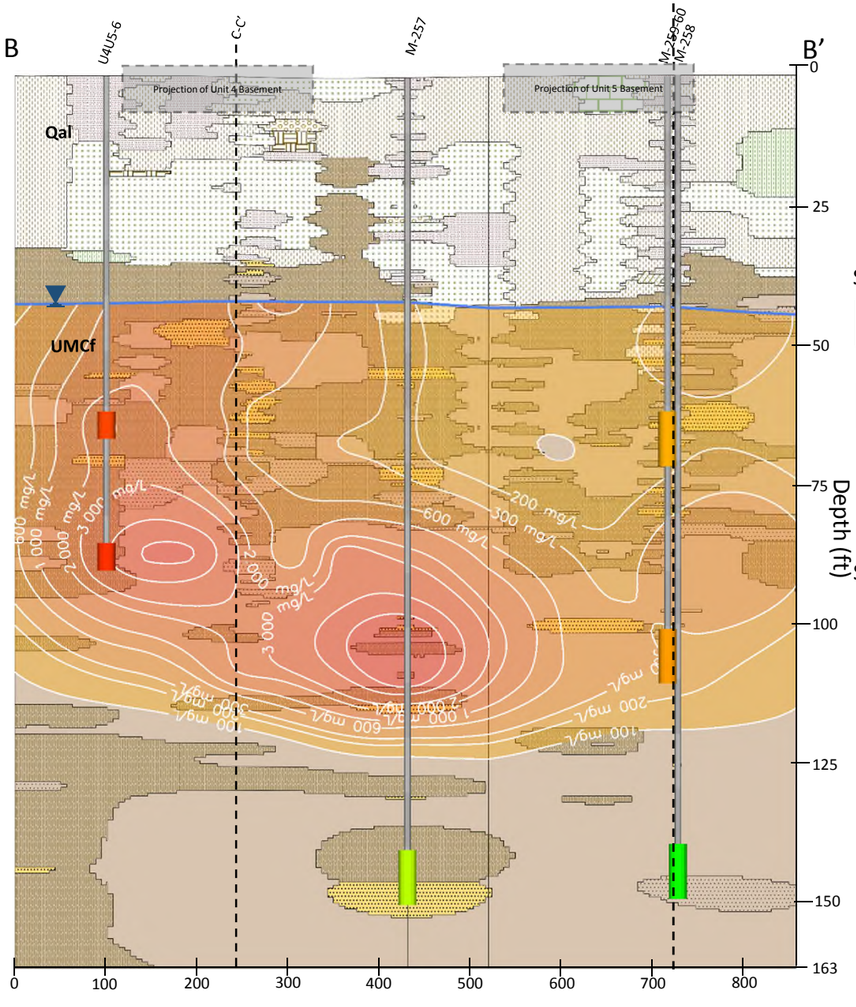
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-38

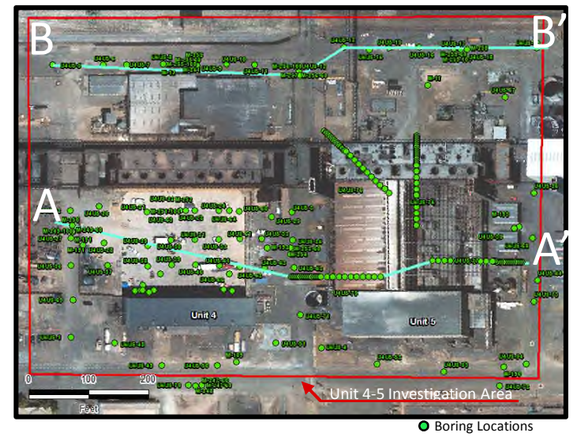
Through Units 4 and 5



Downgradient (North)



Cross-Section Locations



Concentration Scales

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Groundwater Chlorate

- 22,000 mg/L
- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L

- Water Table Surface
- Groundwater Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater chlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

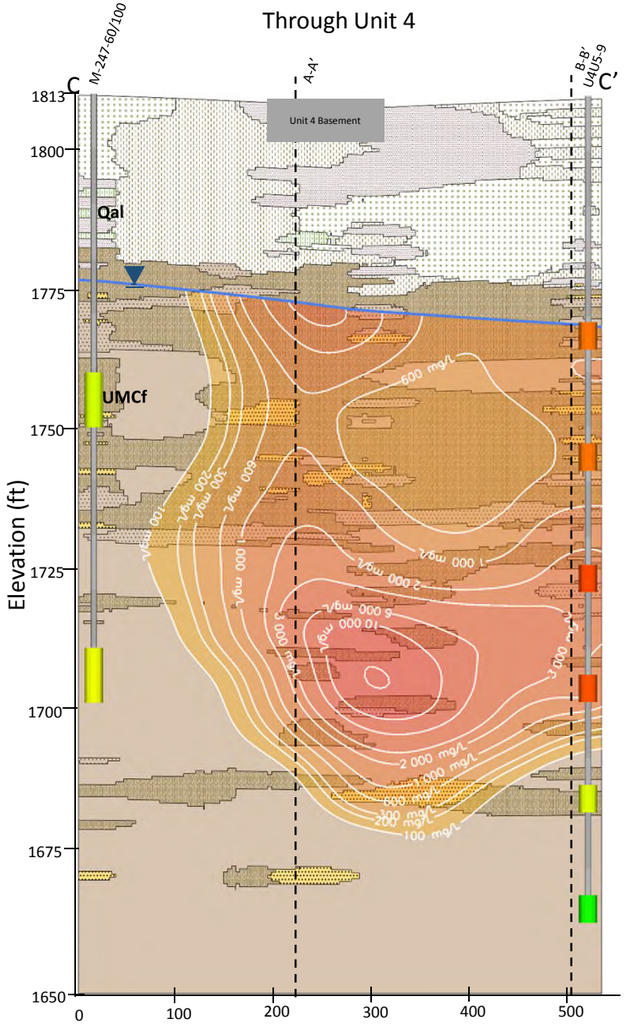
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

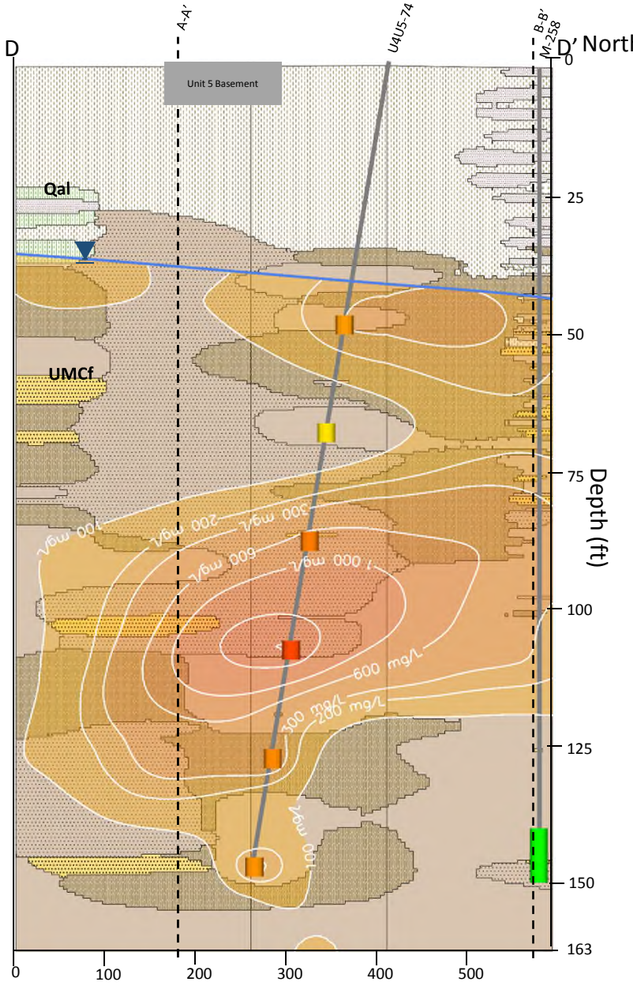
Figure No.
H-39

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-49 – Chlorate GW Sections EW

Through Unit 4

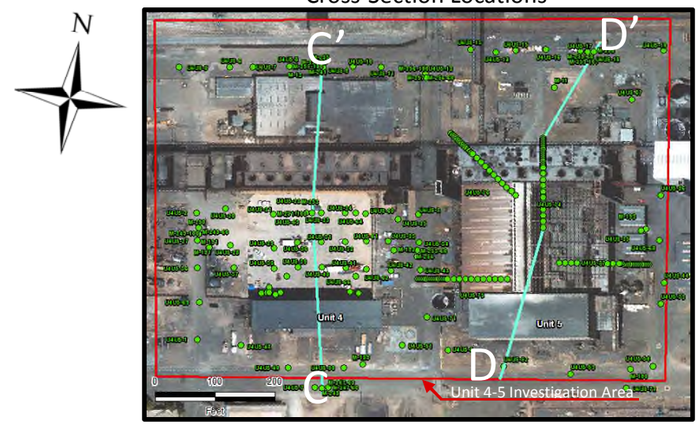


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Concentration Scales

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Groundwater Chlorate

- 22,000 mg/L
- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L

Water Table Surface

Groundwater Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored tubes show groundwater chlorate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

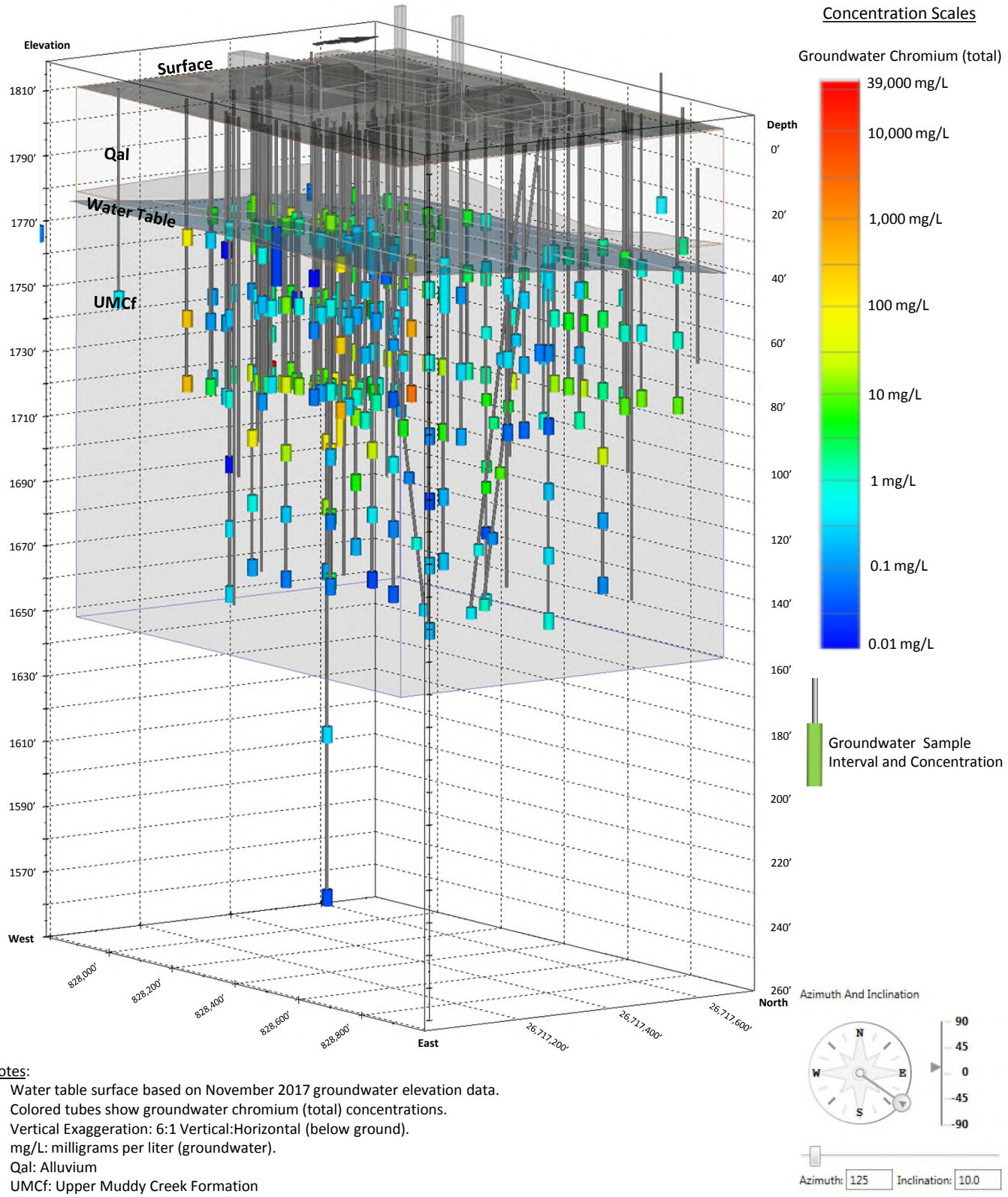
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-40

\\Tts134fs1\geosurvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-50 - Chlorate GW Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored tubes show groundwater chromium (total) concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

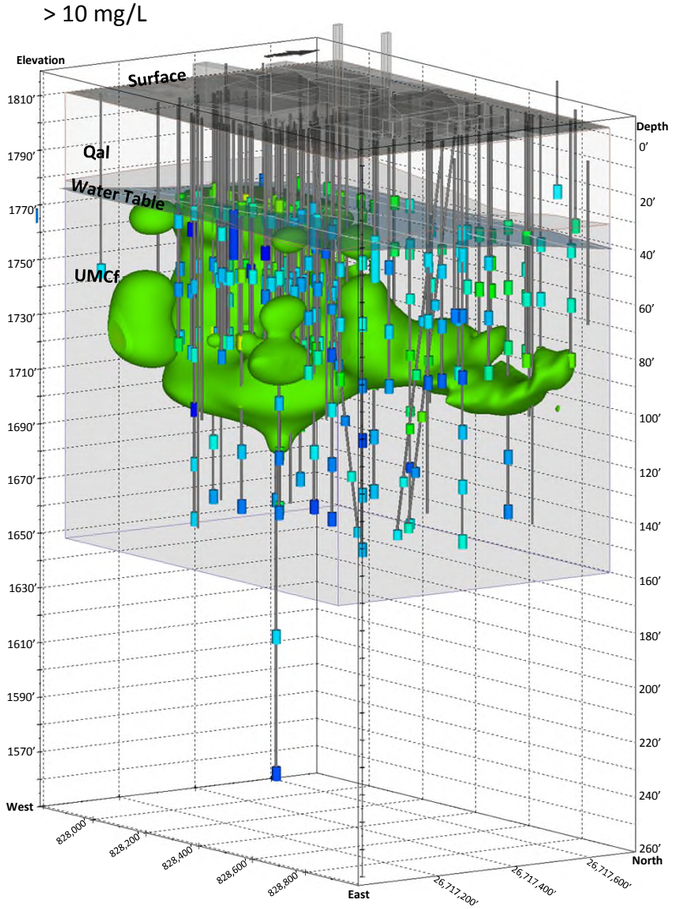
CHROMIUM (TOTAL) GROUNDWATER SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

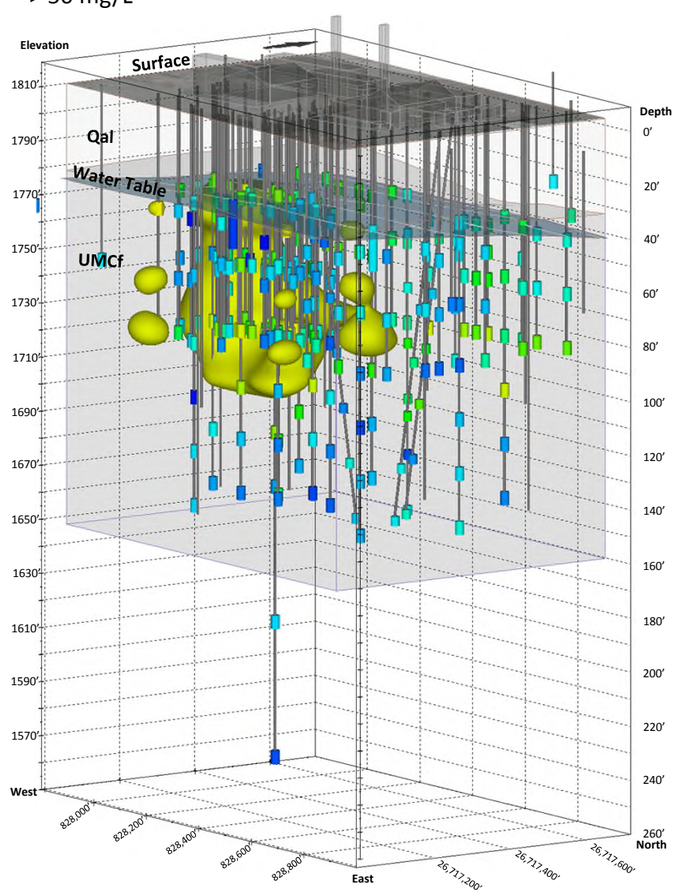
Figure No.
H-41

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERTM\02\Mobilization 3\Powerpoint Figures\Fig G-56 – Total Chromium_GW 3D85_11

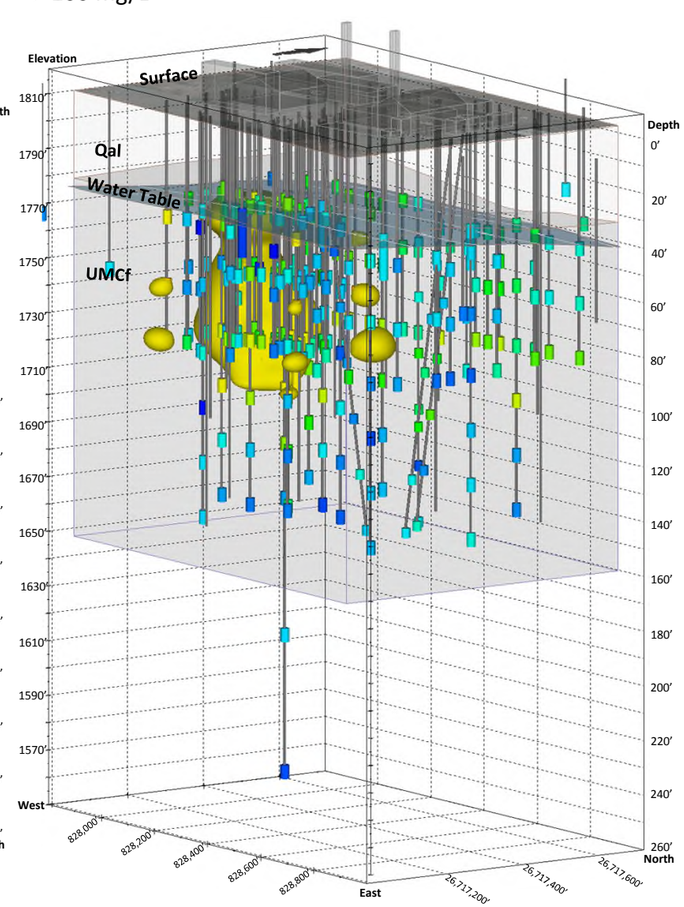
> 10 mg/L



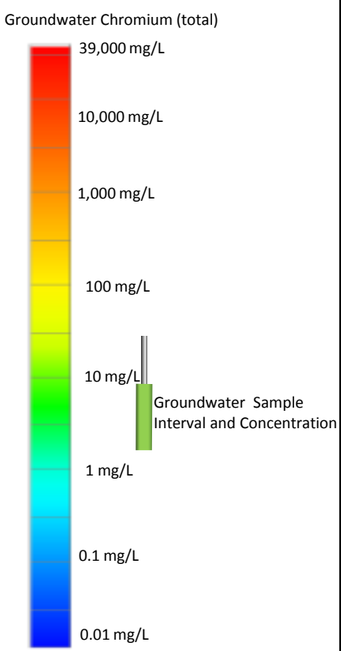
> 50 mg/L



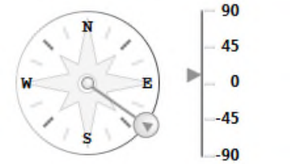
> 100 mg/L



Concentration Scales



Azimuth And Inclination



Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored tubes show groundwater chromium (total) concentrations.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

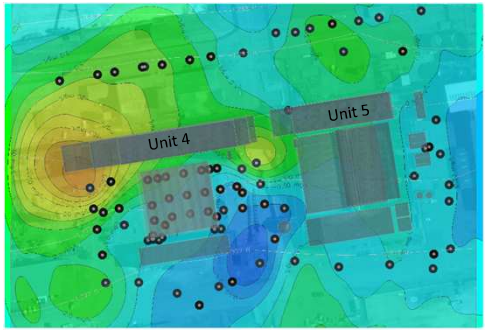
CHROMIUM (TOTAL) DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

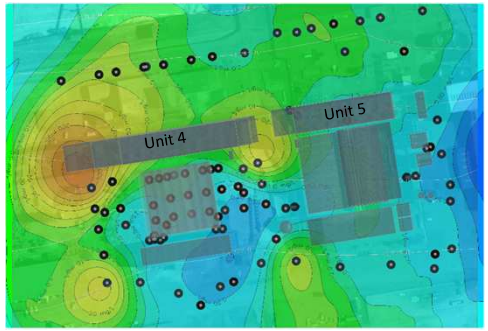
Figure No.
H-42

\\Tts134fs1\geosuvol1\PROJECTS\DATA\NERTM002\Mobilization 3\Powerpoint Figures\Fig G-57 – Total Chromium GW 3D

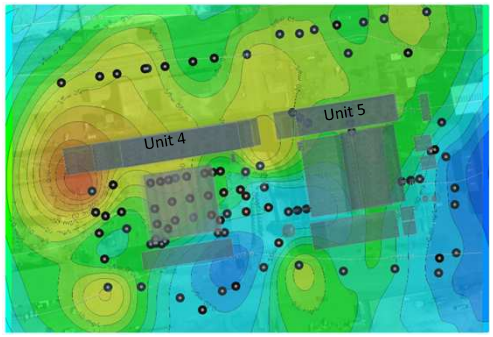
Horizontal Slice at 53’ bgs (1760 ft amsl)



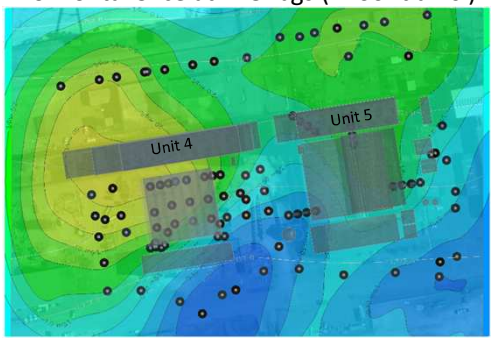
Horizontal Slice at 73’ bgs (1740 ft amsl)



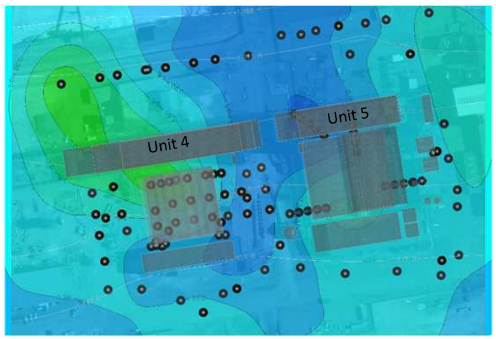
Horizontal Slice at 93’ bgs (1720 ft amsl)



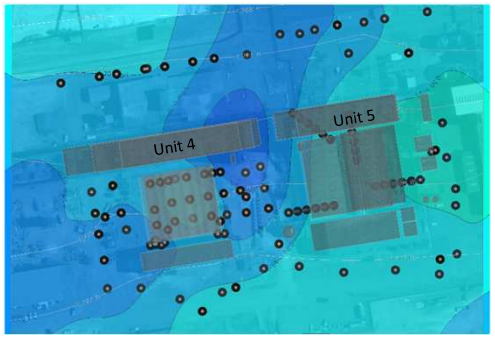
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)



Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scales

Groundwater Chromium (total)

39,000 mg/L
10,000 mg/L
1,000 mg/L
100 mg/L
10 mg/L
1 mg/L
0.1 mg/L
0.01 mg/L

● Borehole Location

N

0 270 540

Feet

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

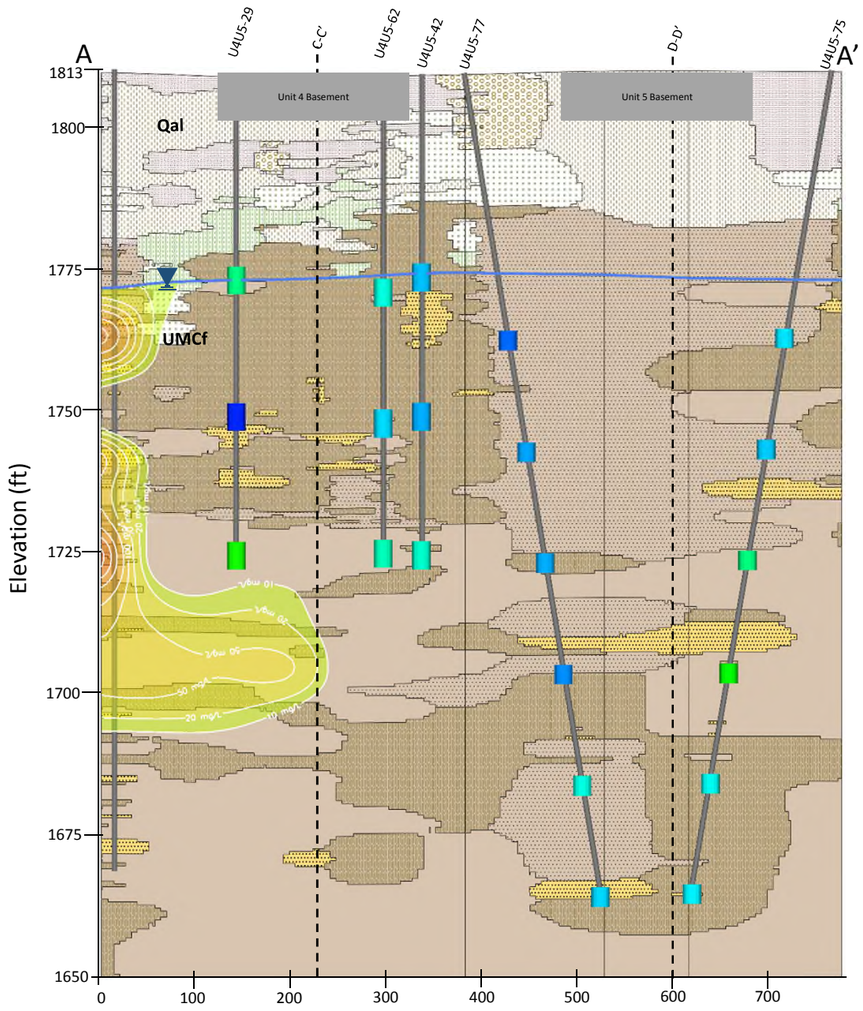
2D VISUALIZATION PLAN VIEW OF CHROMIUM (TOTAL) DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

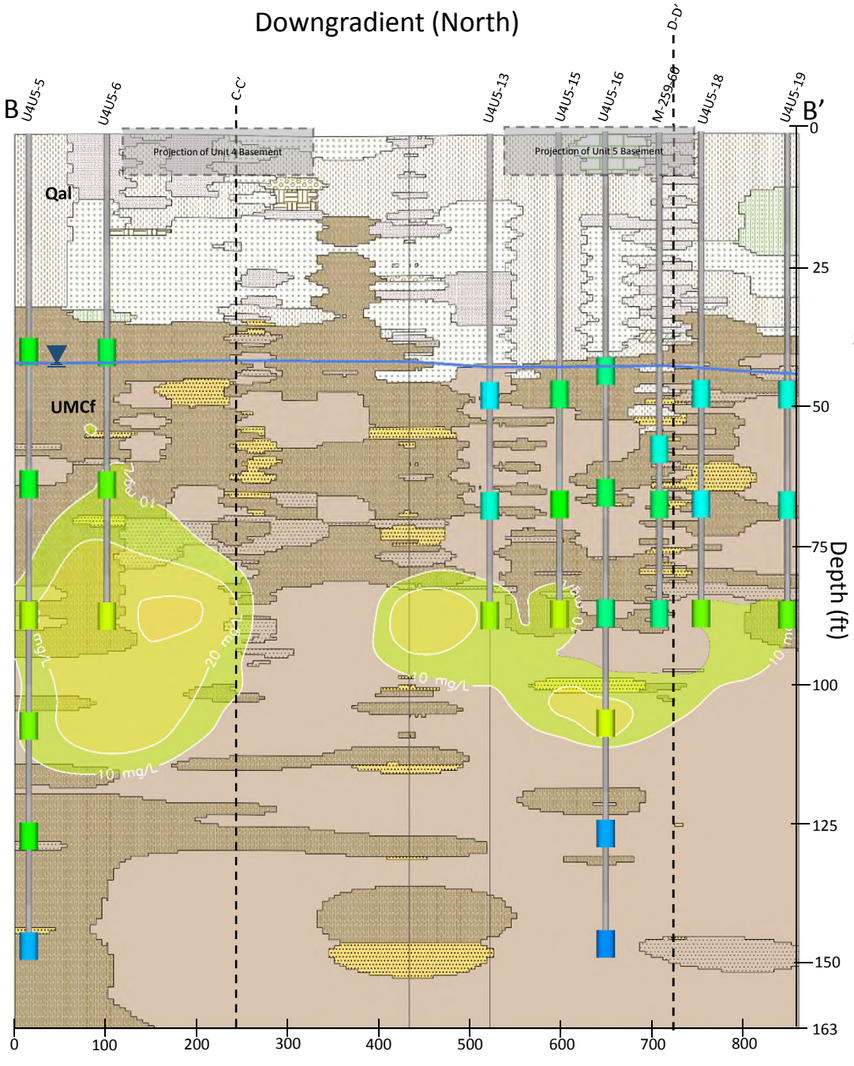
Figure No.
H-43

I:\Tt\134\s1\geo\cvs\PROJECTS\DATA\WERT\MP\Mxd\arcmap 3\Powerpoint Figures\Fig G-68 - Total Chromium 2D GW

Through Units 4 and 5

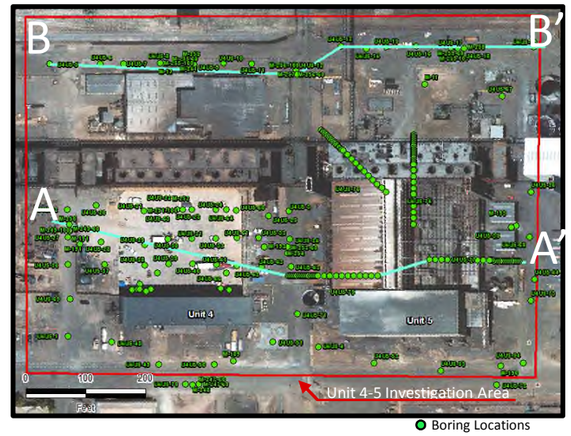


Downgradient (North)

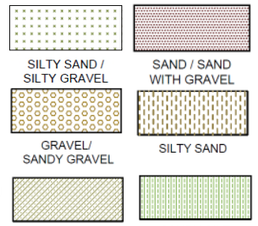


Distance Along Section (ft)

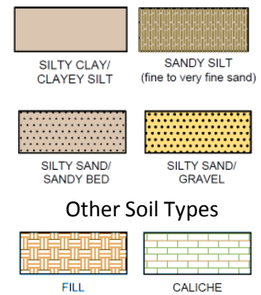
Cross-Section Locations



Soil Types in Alluvium (Qal)



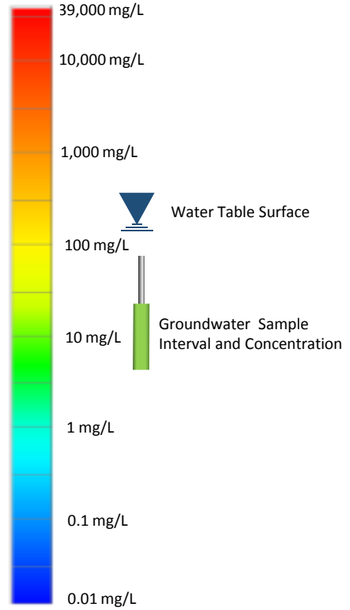
Soil Types in Upper Muddy Creek Fm (UMCf)



Other Soil Types

Concentration Scales

Groundwater Chromium (total)



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater chromium (total) concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

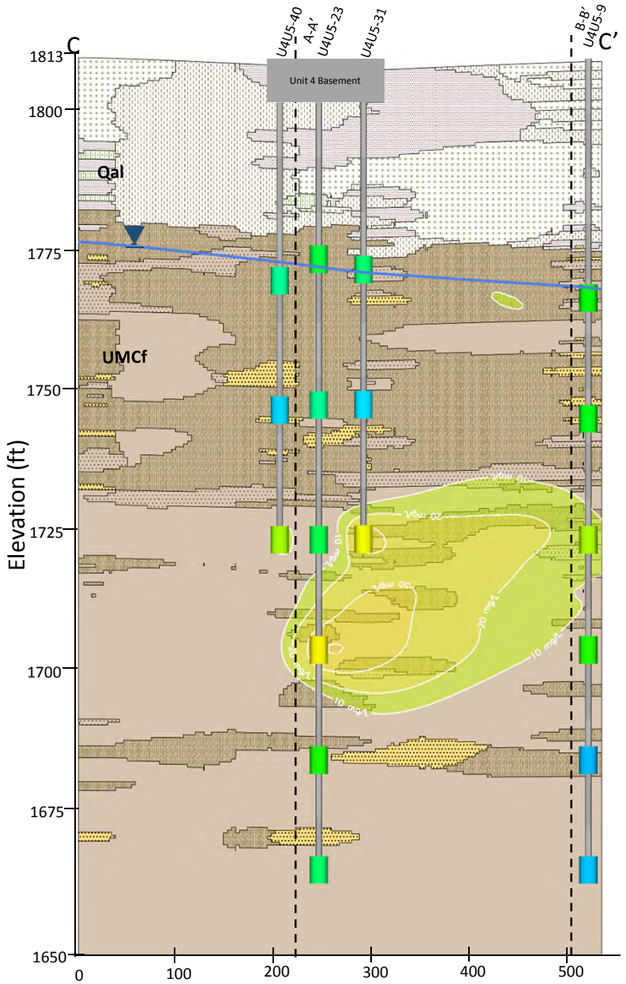
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHROMIUM (TOTAL) DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

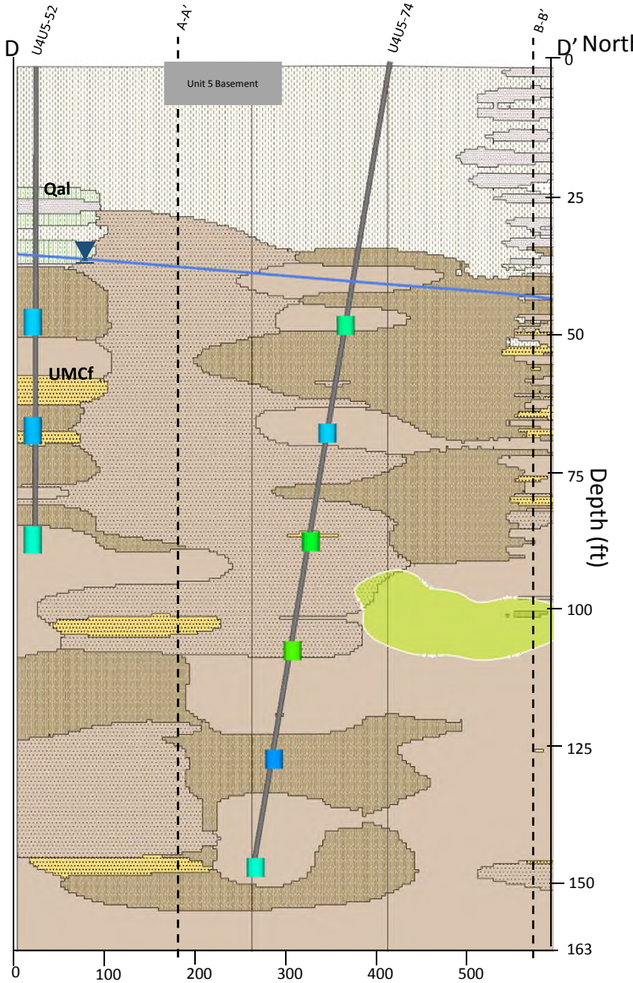
Figure No.
H-44

\\Tts134fs1\geosupvol1\PROJECTS\DATANERT\M02\Mobilization 3\Powerpoint Figures\Fig. G-49 – Total Chromium GW Sections EW

Through Unit 4

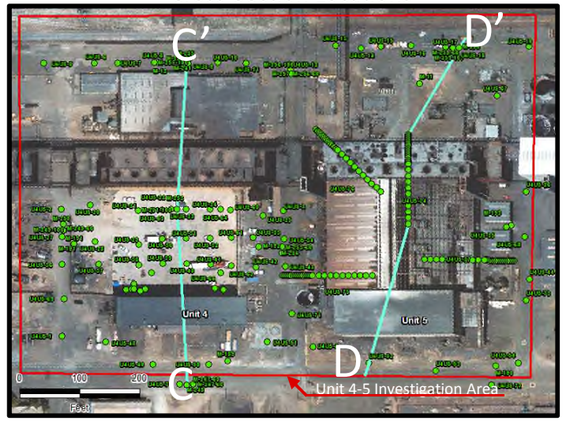


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Concentration Scales

Groundwater Chromium (total)

- 39,000 mg/L
- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L

Water Table Surface

Groundwater Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored tubes show groundwater chromium (total) concentration.
4. Water table surface based on November 2017 groundwater elevation data.
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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

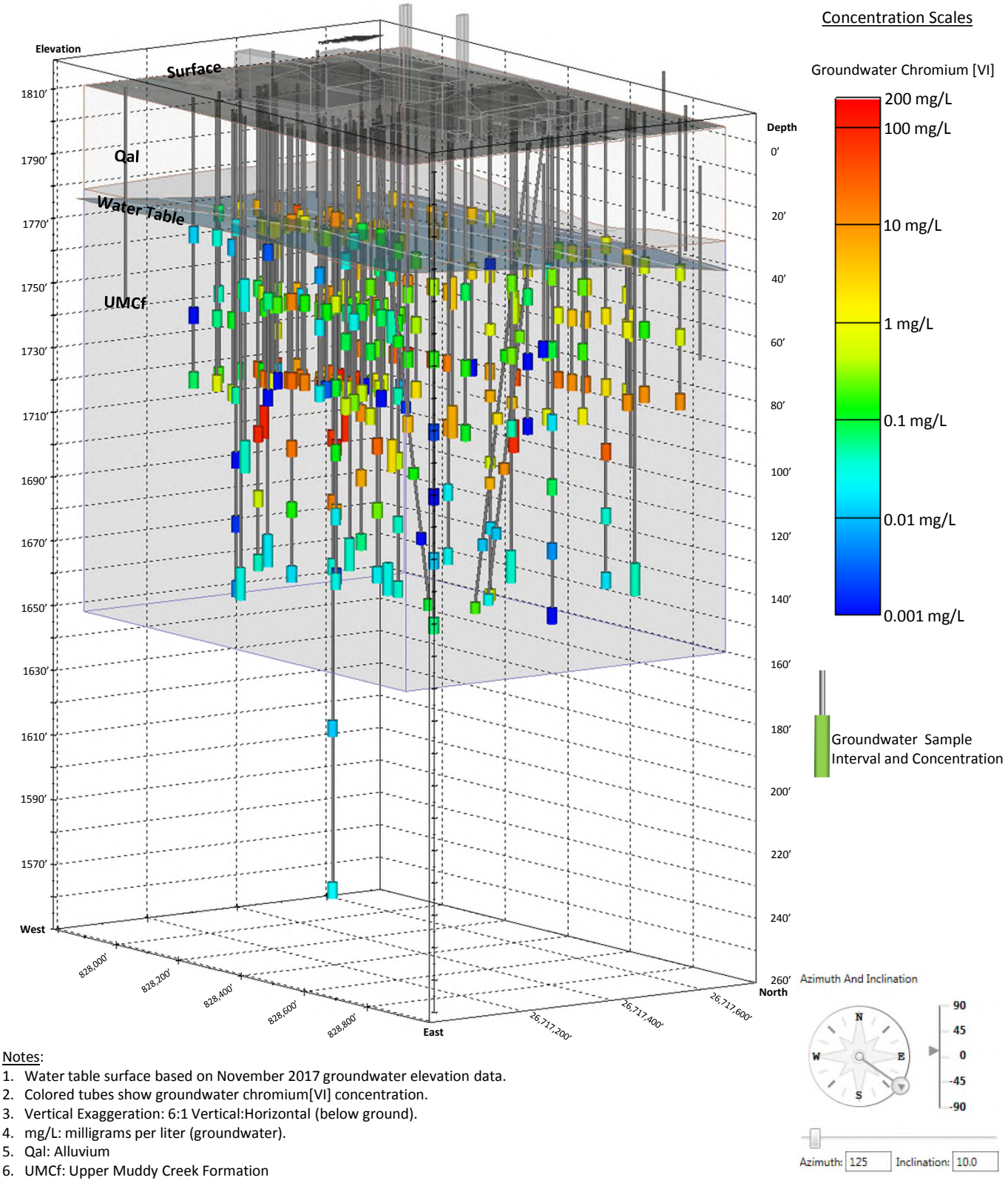
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHROMIUM (TOTAL) DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-45

\\Tts134fs1\geosupvol1\PROJECTS\DATAINERT\M02\Mobilization 3\Powerpoint Figures\Fig G-50 – Total Chromium GWI Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored tubes show groundwater chromium[VI] concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).
5. Qal: Alluvium
6. UMCf: Upper Muddy Creek Formation

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

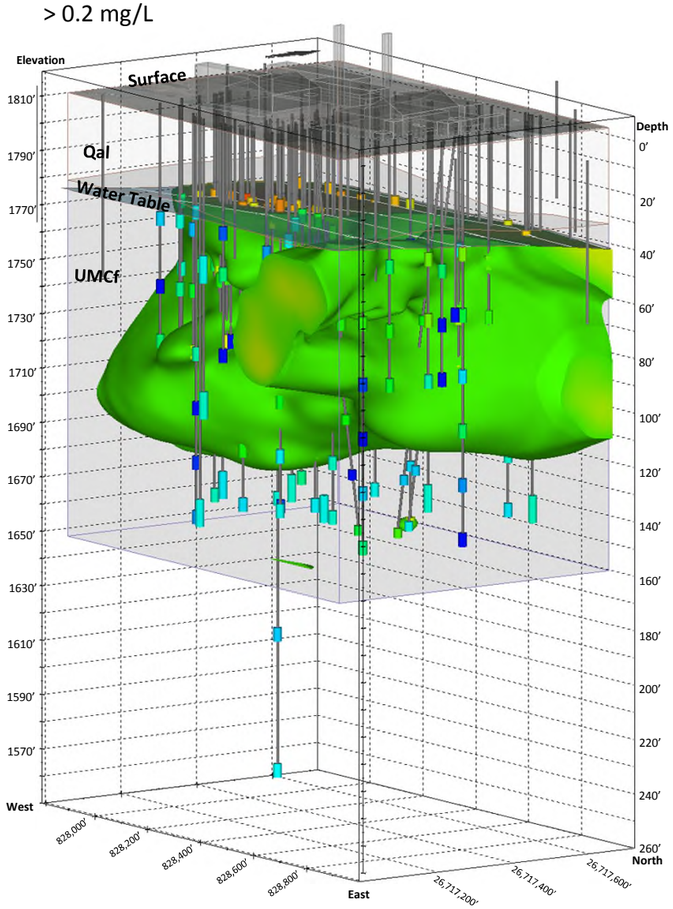
CHROMIUM [VI] GROUNDWATER SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

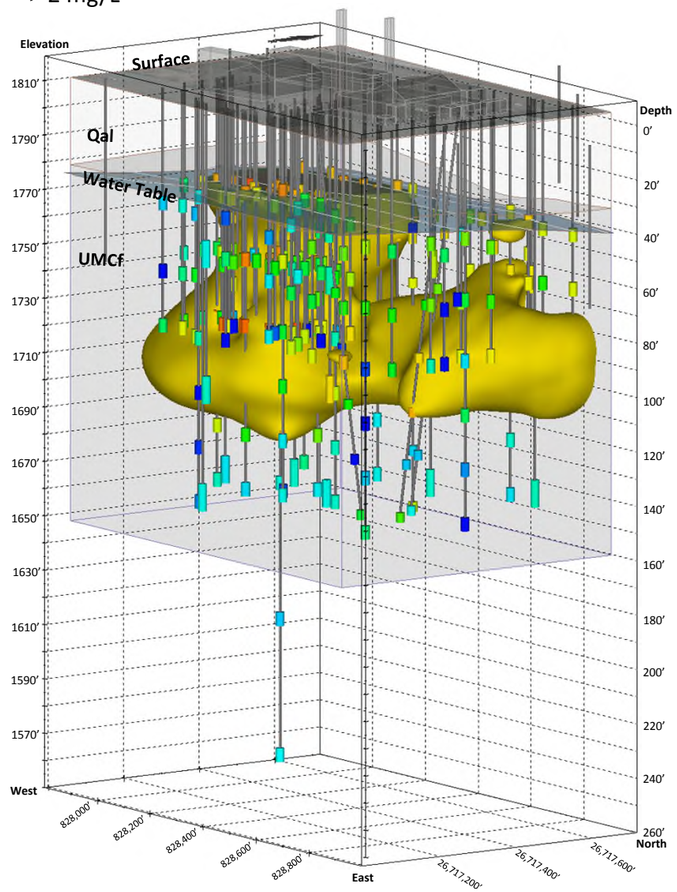
Figure No.
H-46

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERTM\02\Mobilization 3\Powerpoint Figures\Fig G-16 - Cr6 GW 3D85_11

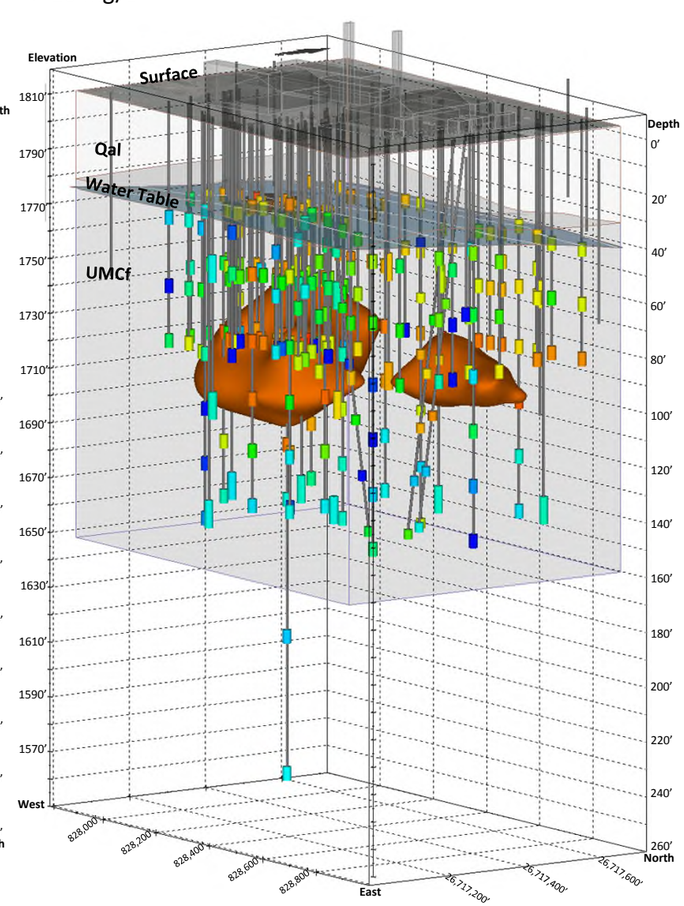
> 0.2 mg/L



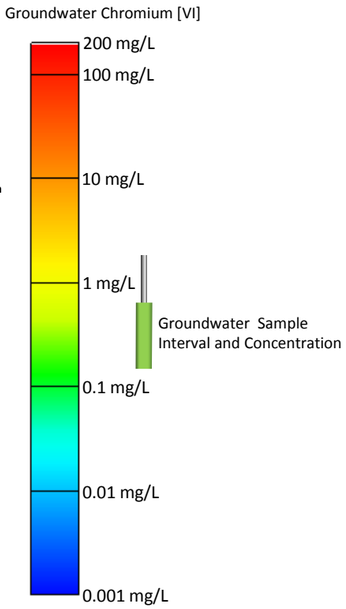
> 2 mg/L

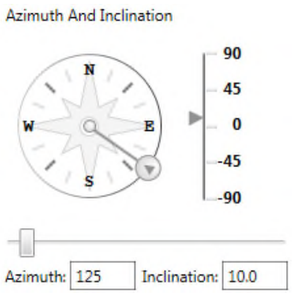


> 20 mg/L



Concentration Scales





Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored tubes show groundwater chromium [VI] concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

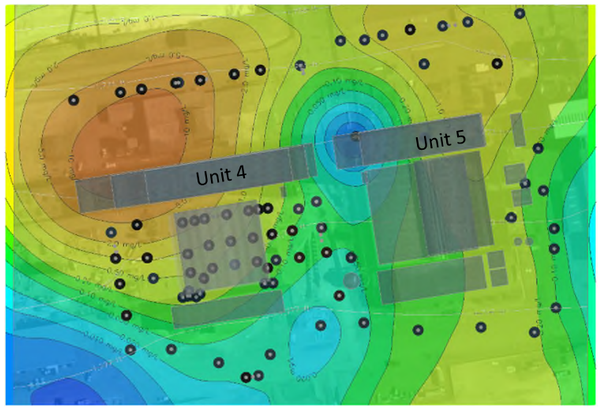
CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

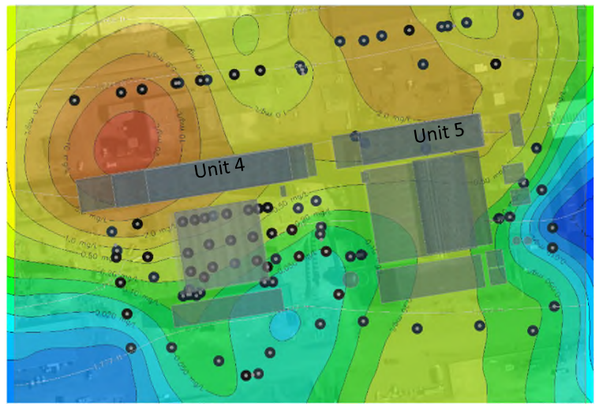
Figure No.
H-47

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3Powerpoint Figures\Fig G-17 - Cr6 GW 3D

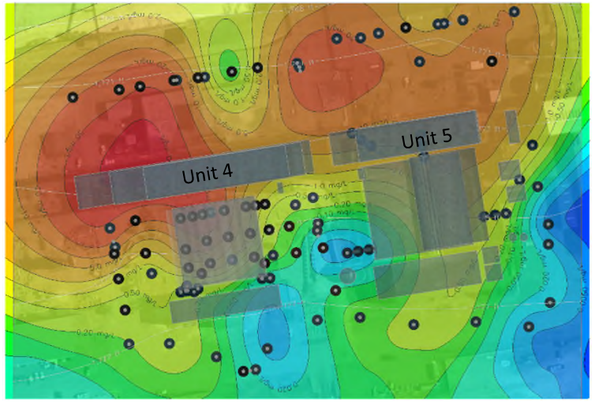
Horizontal Slice at 53’ bgs (1760 ft amsl)



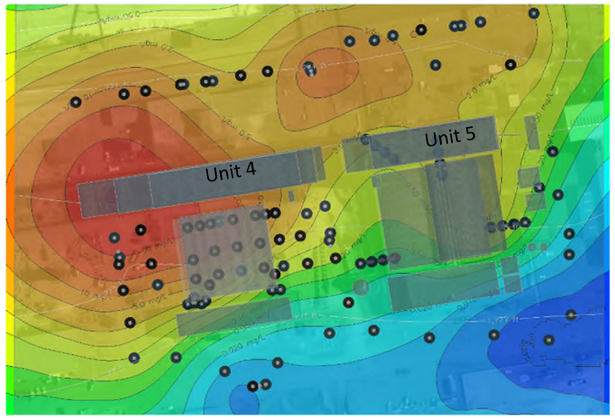
Horizontal Slice at 73’ bgs (1740 ft amsl)



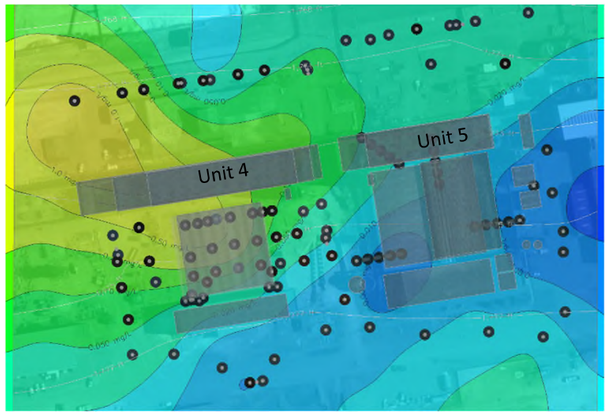
Horizontal Slice at 93’ bgs (1720 ft amsl)



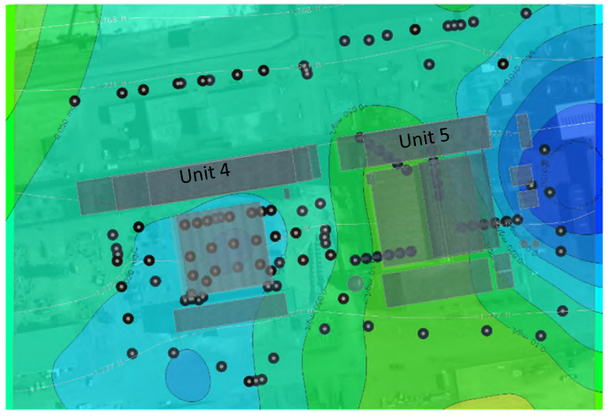
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)



Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scales

Groundwater Chromium [VI]

200 mg/L
100 mg/L
10 mg/L
1 mg/L
0.1 mg/L
0.01 mg/L
0.001 mg/L

Borehole Location

N

0 270 540
Feet

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-18 - Cr6 2D GW

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

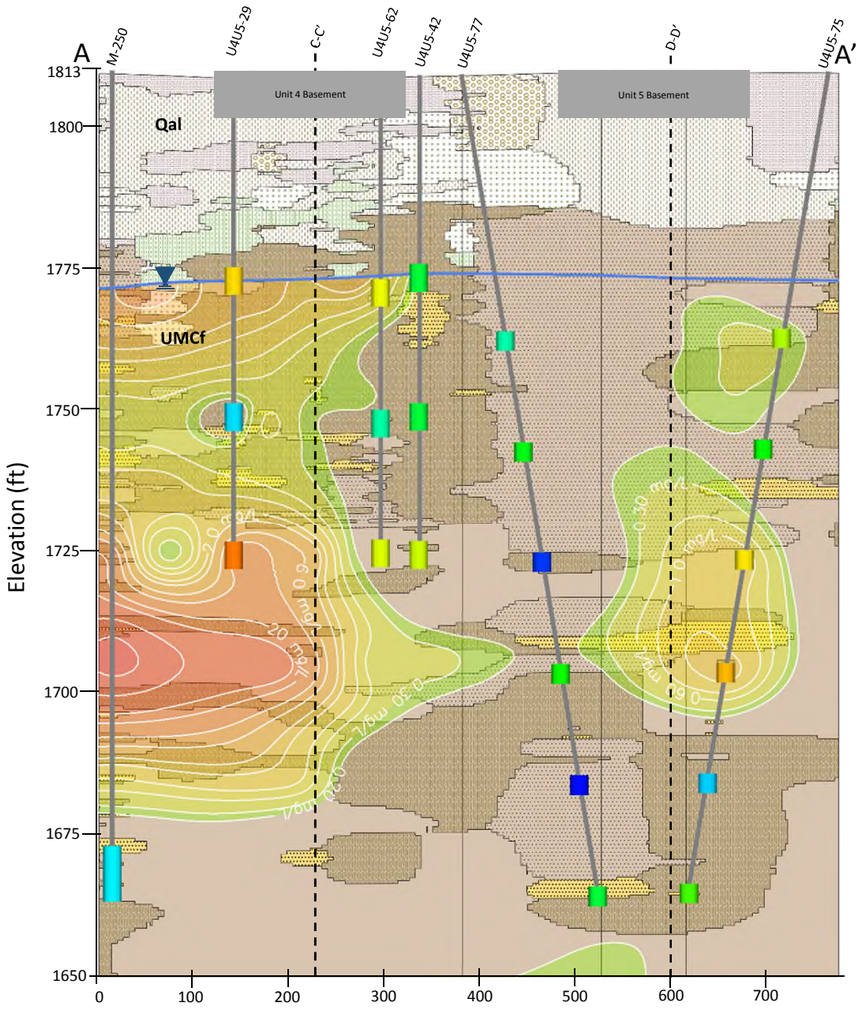
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION PLAN VIEW OF CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

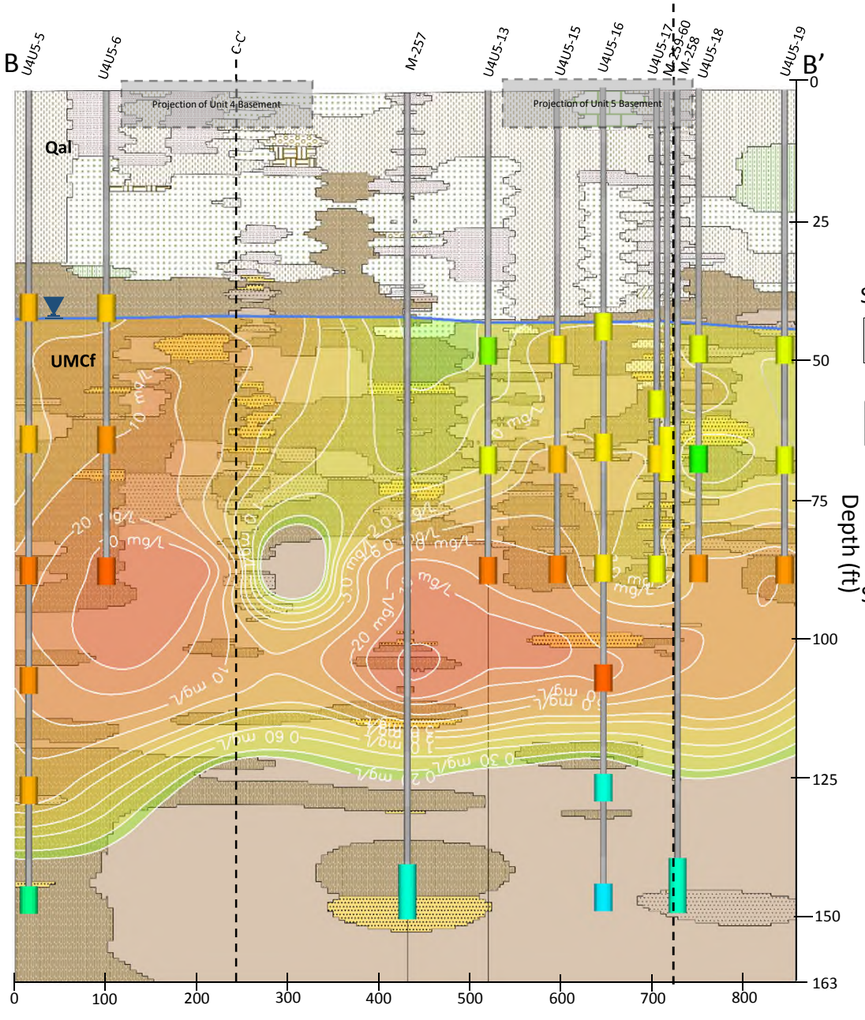
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-48

Through Units 4 and 5

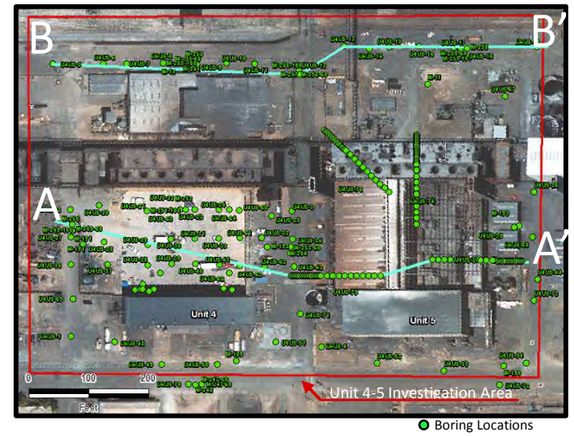


Downgradient (North)

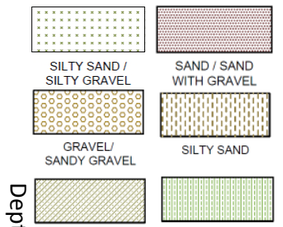


Distance Along Section (ft)

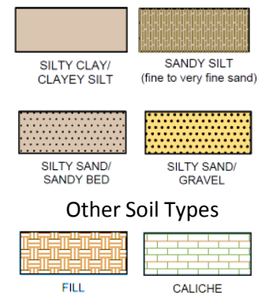
Cross-Section Locations



Soil Types in Alluvium (Qal)



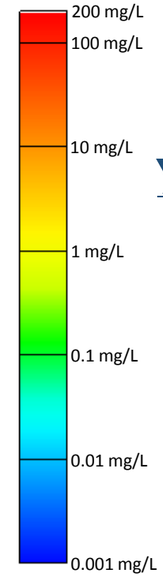
Soil Types in Upper Muddy Creek Fm (UMCf)

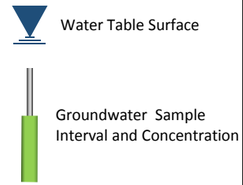


Other Soil Types

Concentration Scales

Groundwater Chromium [VI]





Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater chromium [VI] concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

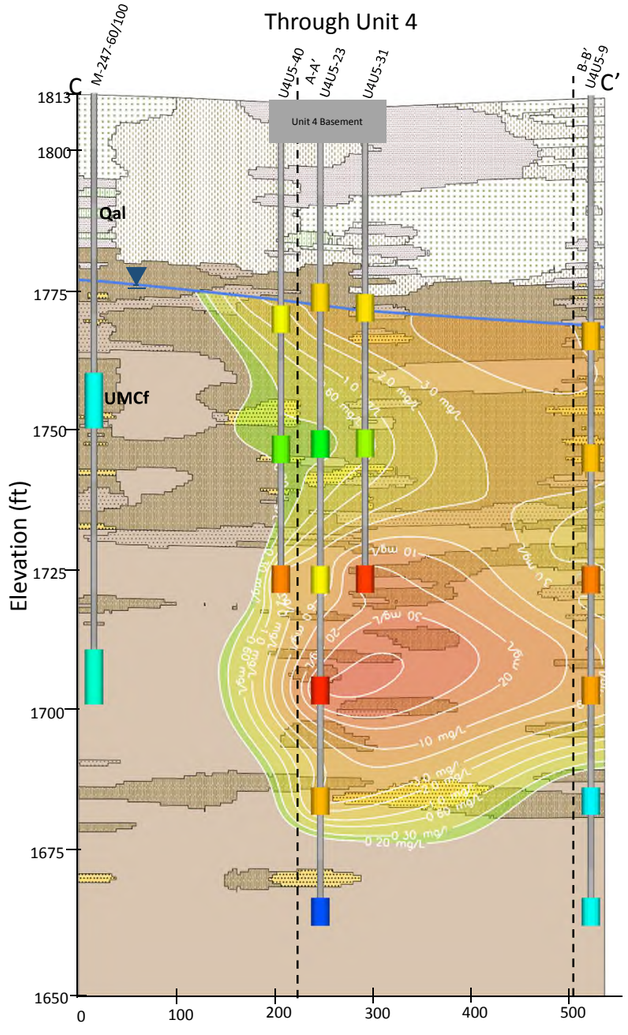
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

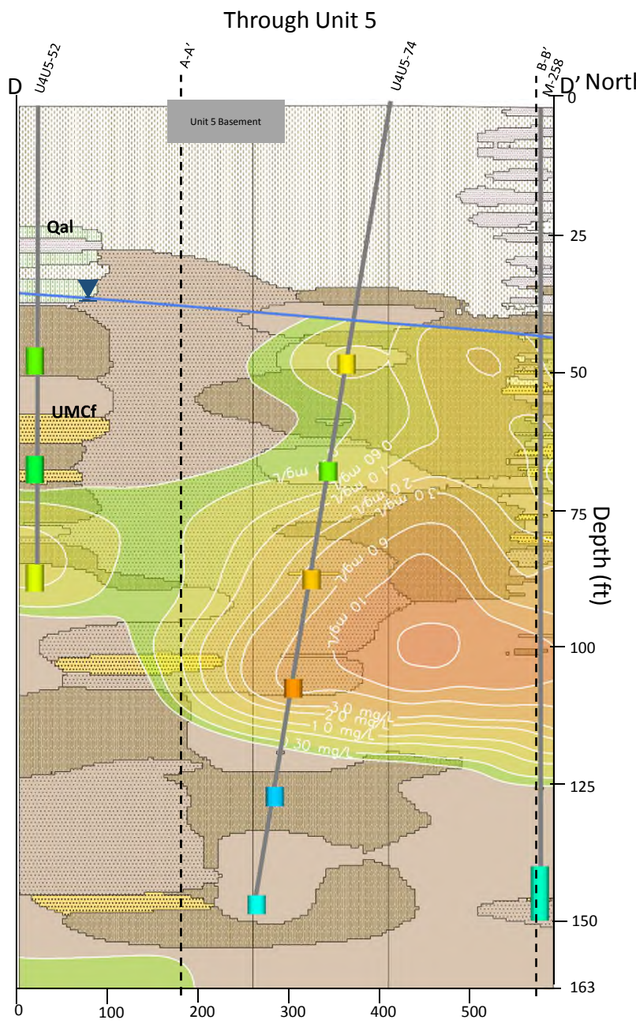
Figure No.
H-49

\\Tts134fs1\eesuuvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-19 - Cr6 GW Sections EW

Through Unit 4

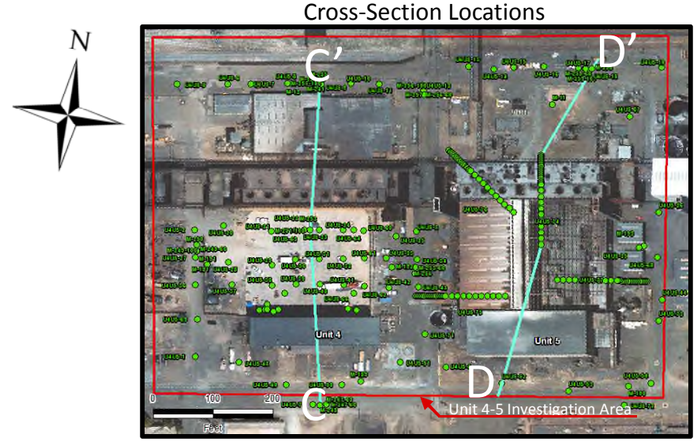


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Concentration Scales

Groundwater Chromium [VI]

200 mg/L
100 mg/L
10 mg/L
1 mg/L
0.1 mg/L
0.01 mg/L
0.001 mg/L

Water Table Surface

Groundwater Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored tubes show groundwater chromium [VI] concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

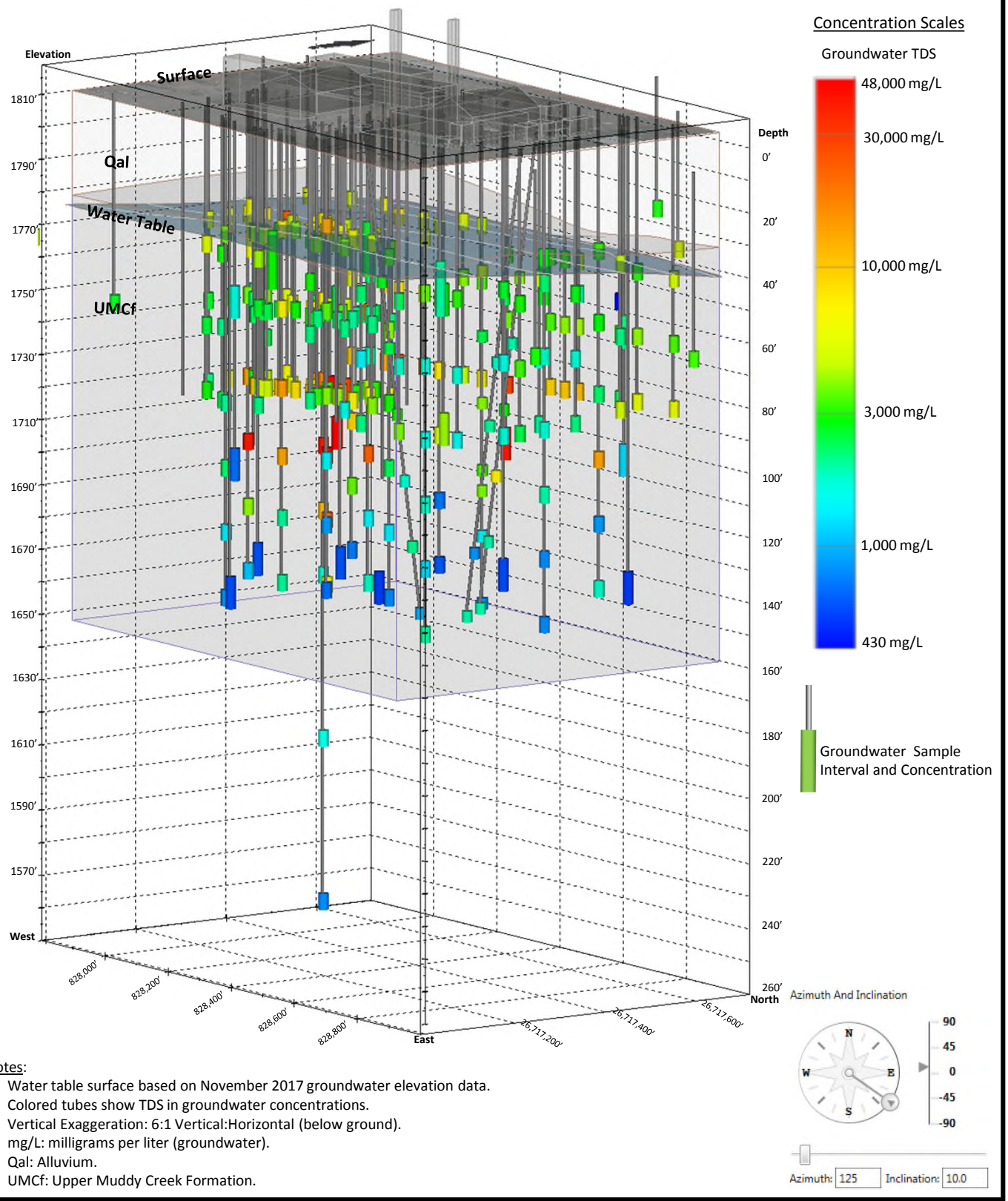
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-50

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-20 - Cr6 GW Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored tubes show TDS in groundwater concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).
5. Qal: Alluvium.
6. UMCf: Upper Muddy Creek Formation.

\\Tfs134fs1\geosupvol1\PROJECTS\DATAINERTM02\Mobilization 3\Powerpoint Figures\Fig G-61 – TDS_GW 3D85_11

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

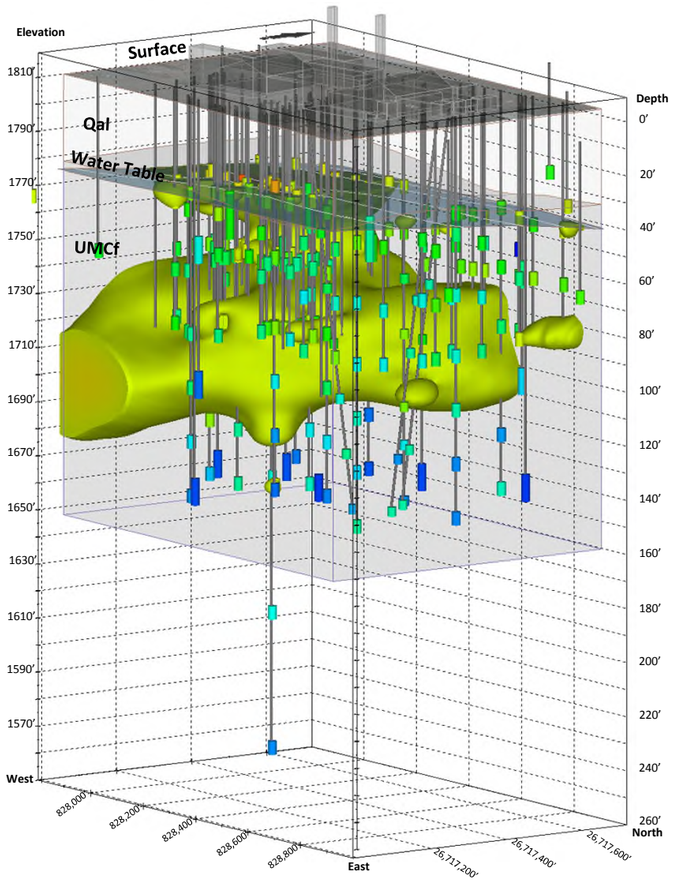
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

TDS IN GROUNDWATER SAMPLE RESULTS

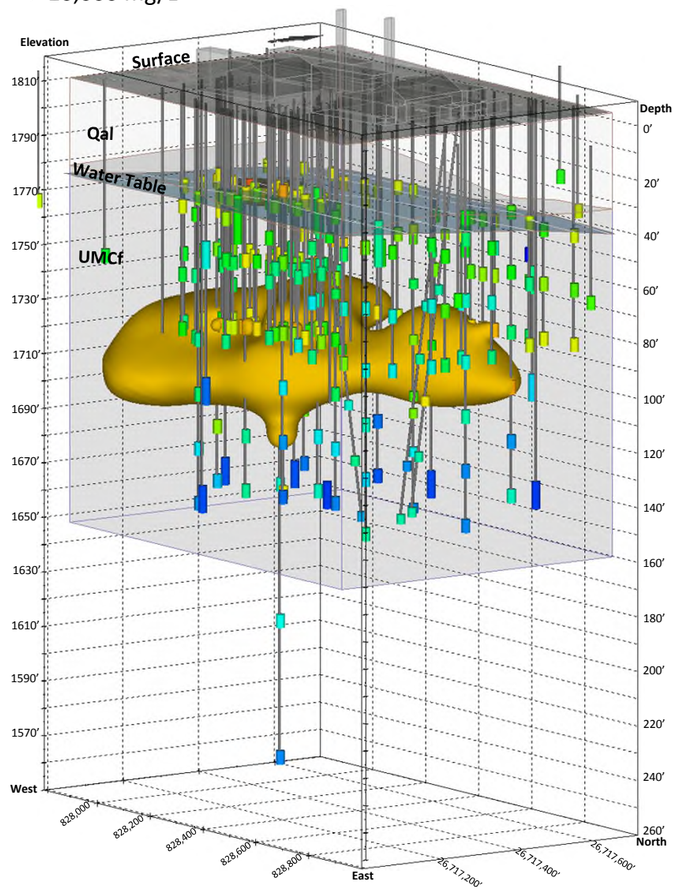
Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-51

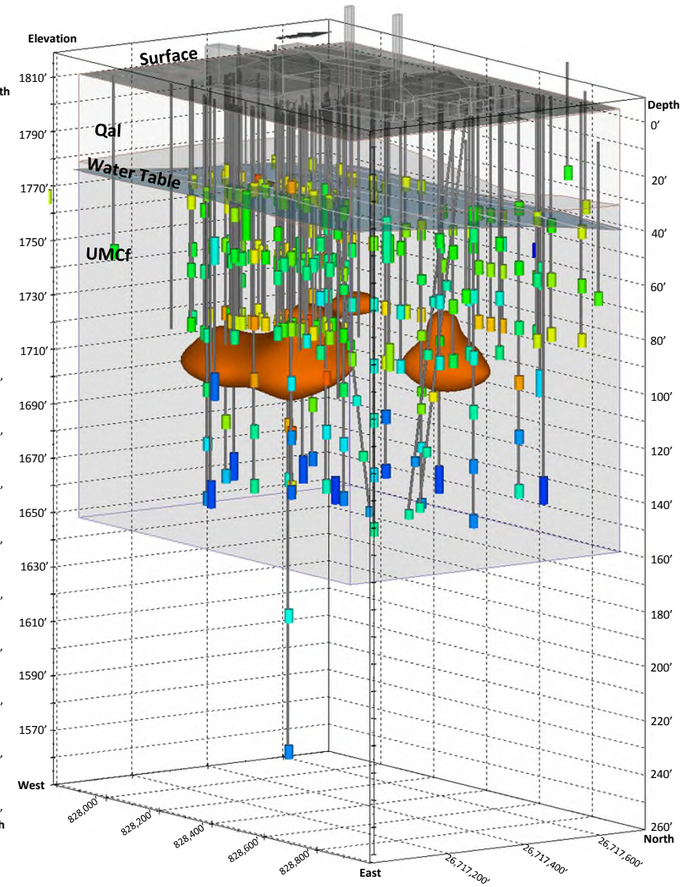
> 5,000 mg/L



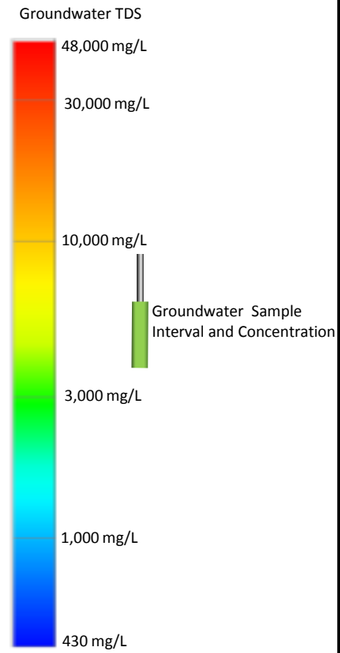
> 10,000 mg/L

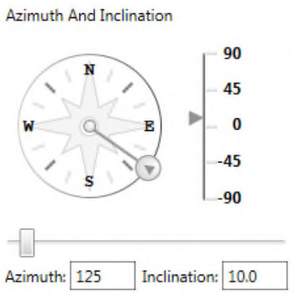


> 20,000 mg/L



Concentration Scales





Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored tubes show TDS in groundwater concentrations.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

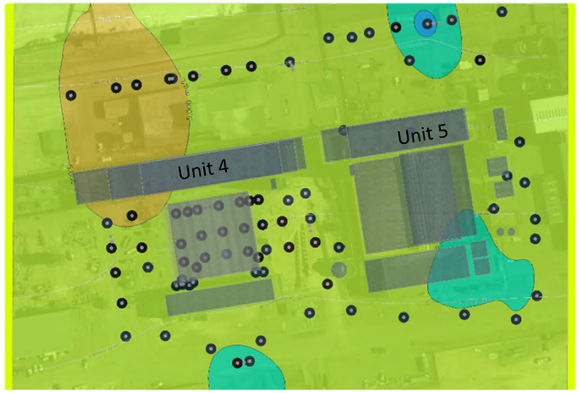
TDS DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

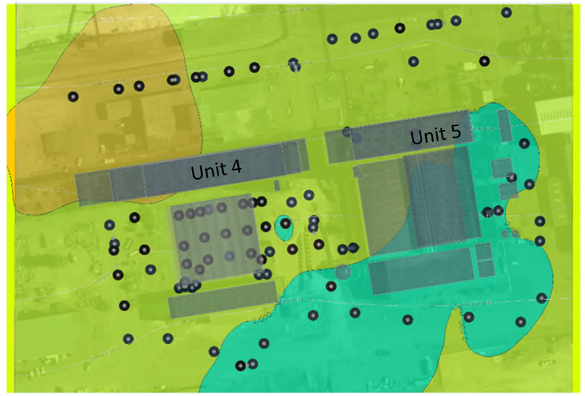
Figure No.
H-52

\\Tts1345s1\oensuvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-52 – TDS_GW 3D

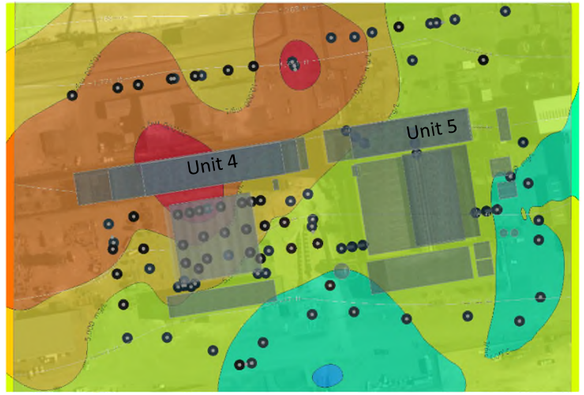
Horizontal Slice at 53’ bgs (1760 ft amsl)



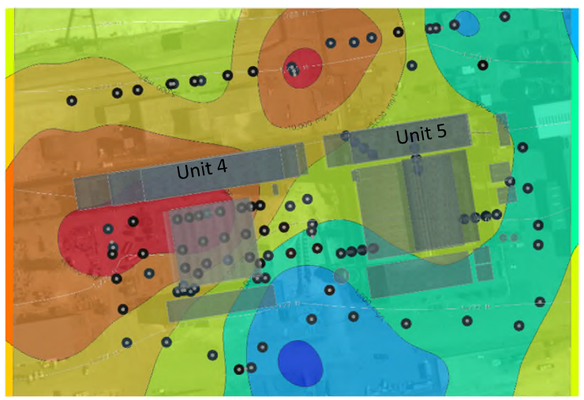
Horizontal Slice at 73’ bgs (1740 ft amsl)



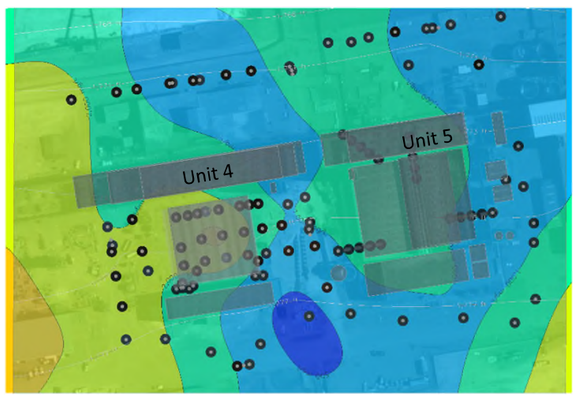
Horizontal Slice at 93’ bgs (1720 ft amsl)



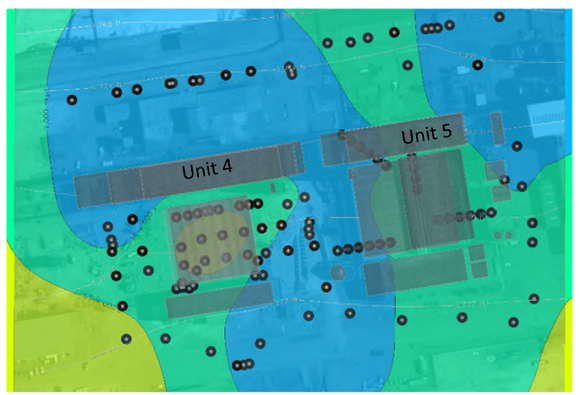
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)

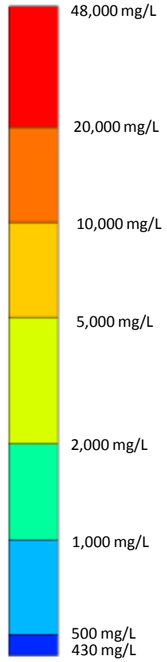


Horizontal Slice at 153’ bgs (1660 ft amsl)

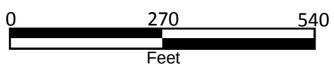


Concentration Scales

Groundwater TDS



● Borehole Location



Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

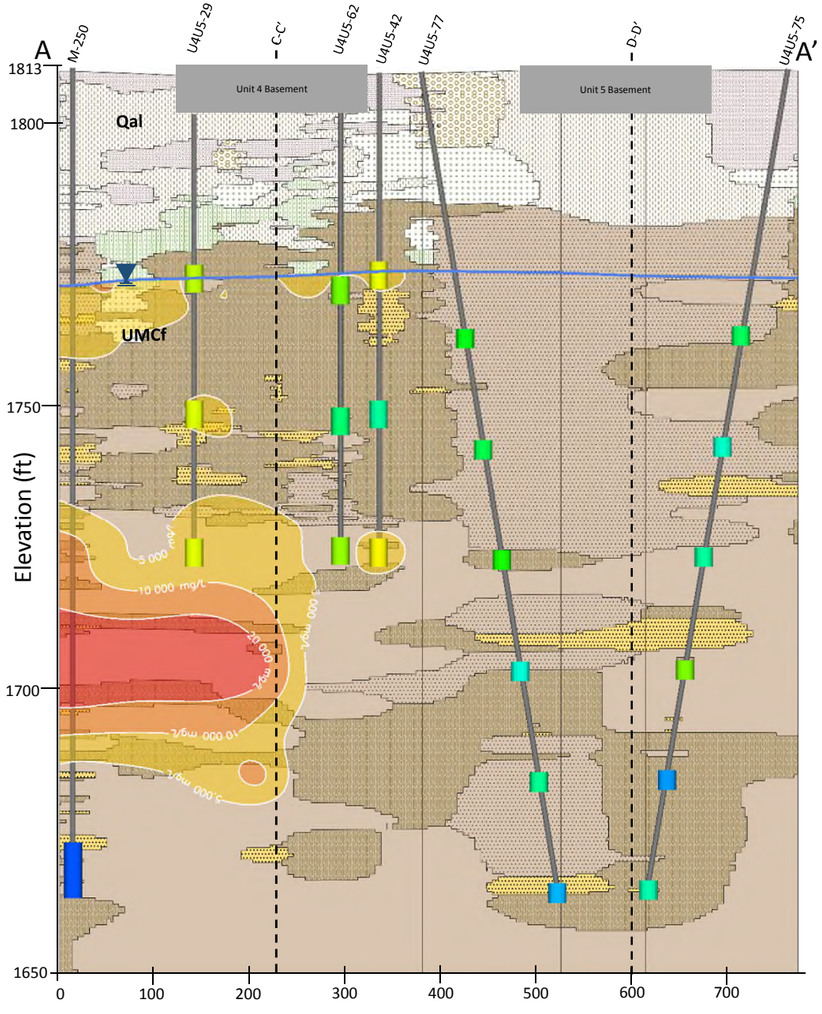
2D VISUALIZATION PLAN VIEW OF TDS DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

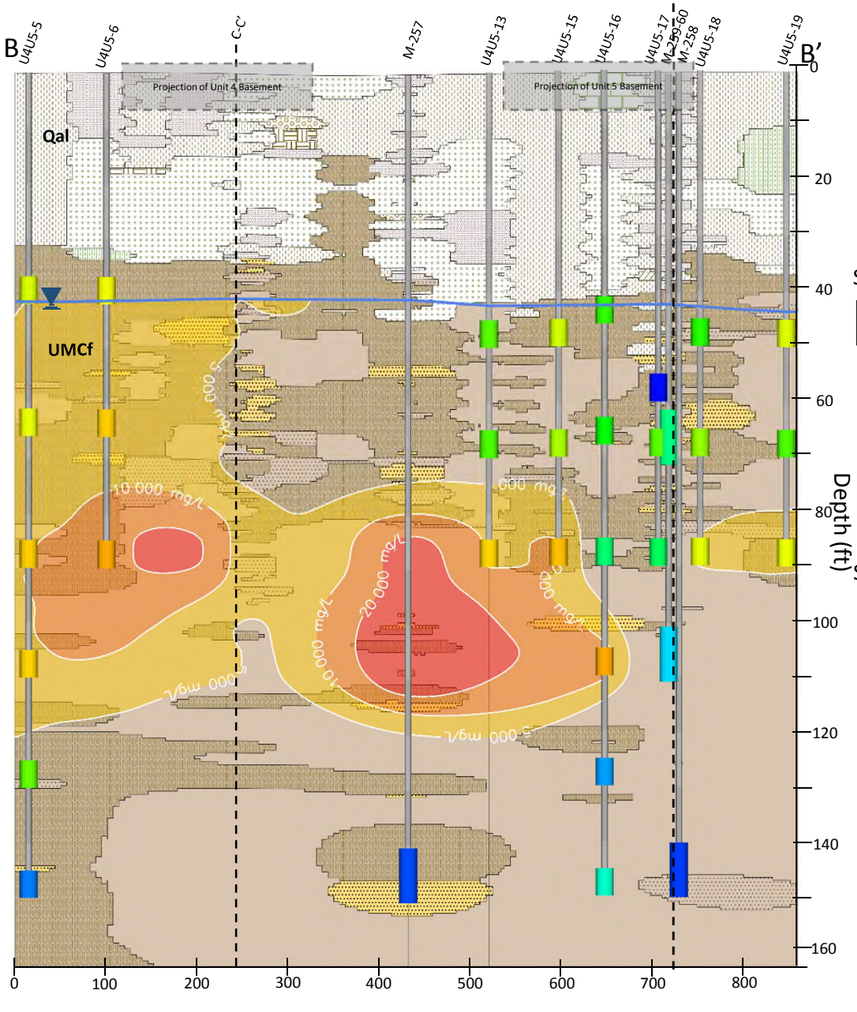
Figure No.
H-53

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M002\Mobilization 3\Powerpoint Figures\Fig G-63 – TDS 2D GW

Through Units 4 and 5

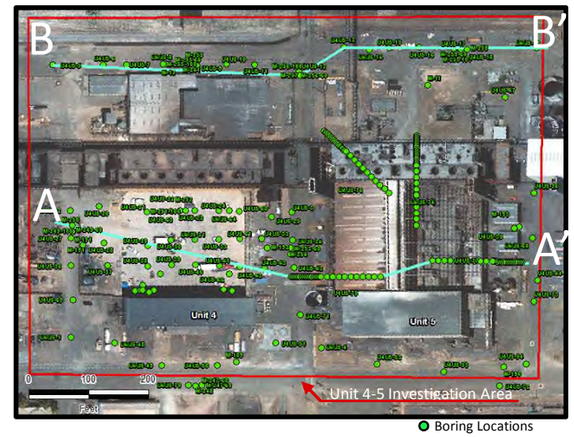


Downgradient (North)

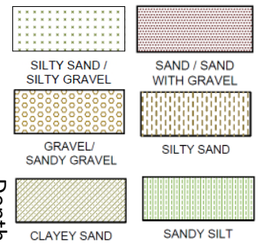


Distance Along Section (ft)

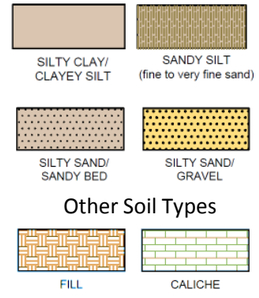
Cross-Section Locations



Soil Types in Alluvium (Qal)



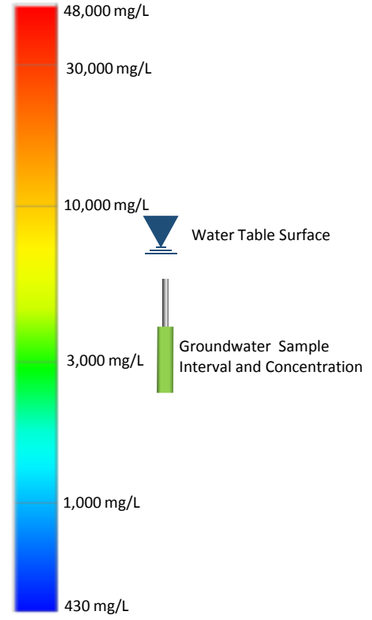
Soil Types in Upper Muddy Creek Fm (UMCf)



Other Soil Types

Concentration Scales

Groundwater TDS



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show groundwater TDS concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

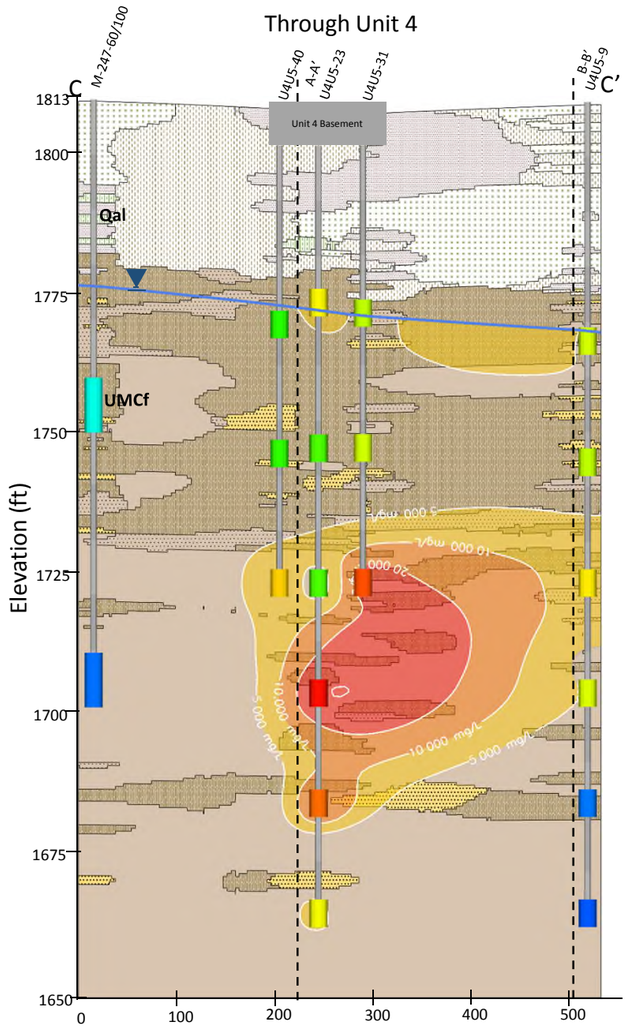
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF TDS DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

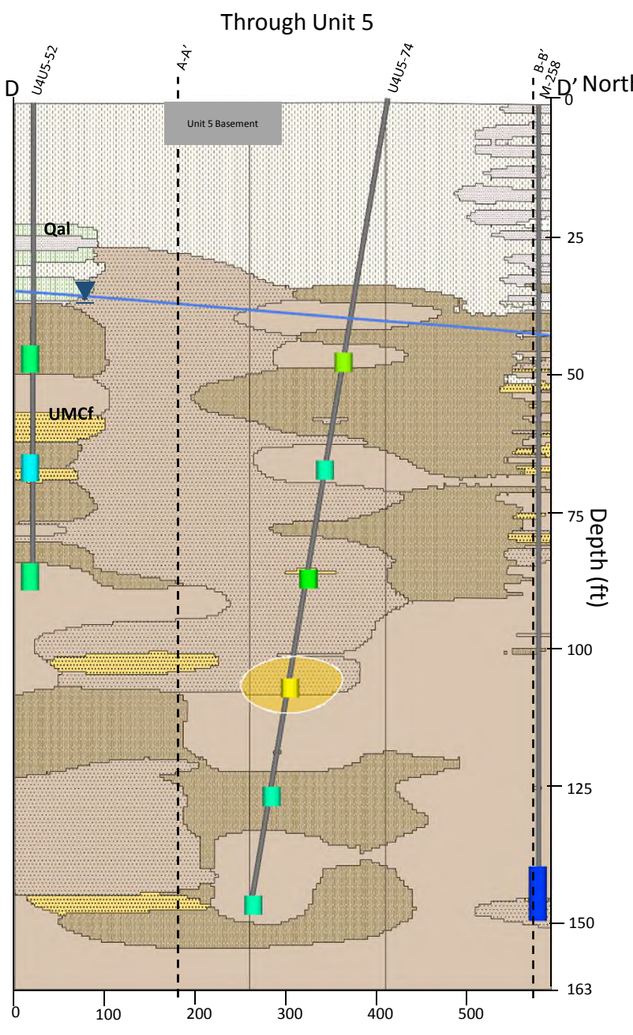
Figure No.
H-54

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERTM02\Mobilization 3\Powerpoint Figures\Fig G-64 – TDS GW Sections EW

Through Unit 4

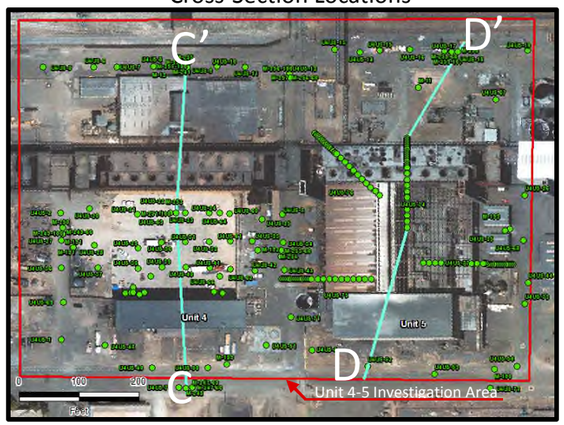


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Concentration Scales

Groundwater TDS

- 48,000 mg/L
- 30,000 mg/L
- 10,000 mg/L
- 3,000 mg/L
- 1,000 mg/L
- 430 mg/L

Water Table Surface

Groundwater Sample Interval and Concentration

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored spheres show groundwater TDS concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

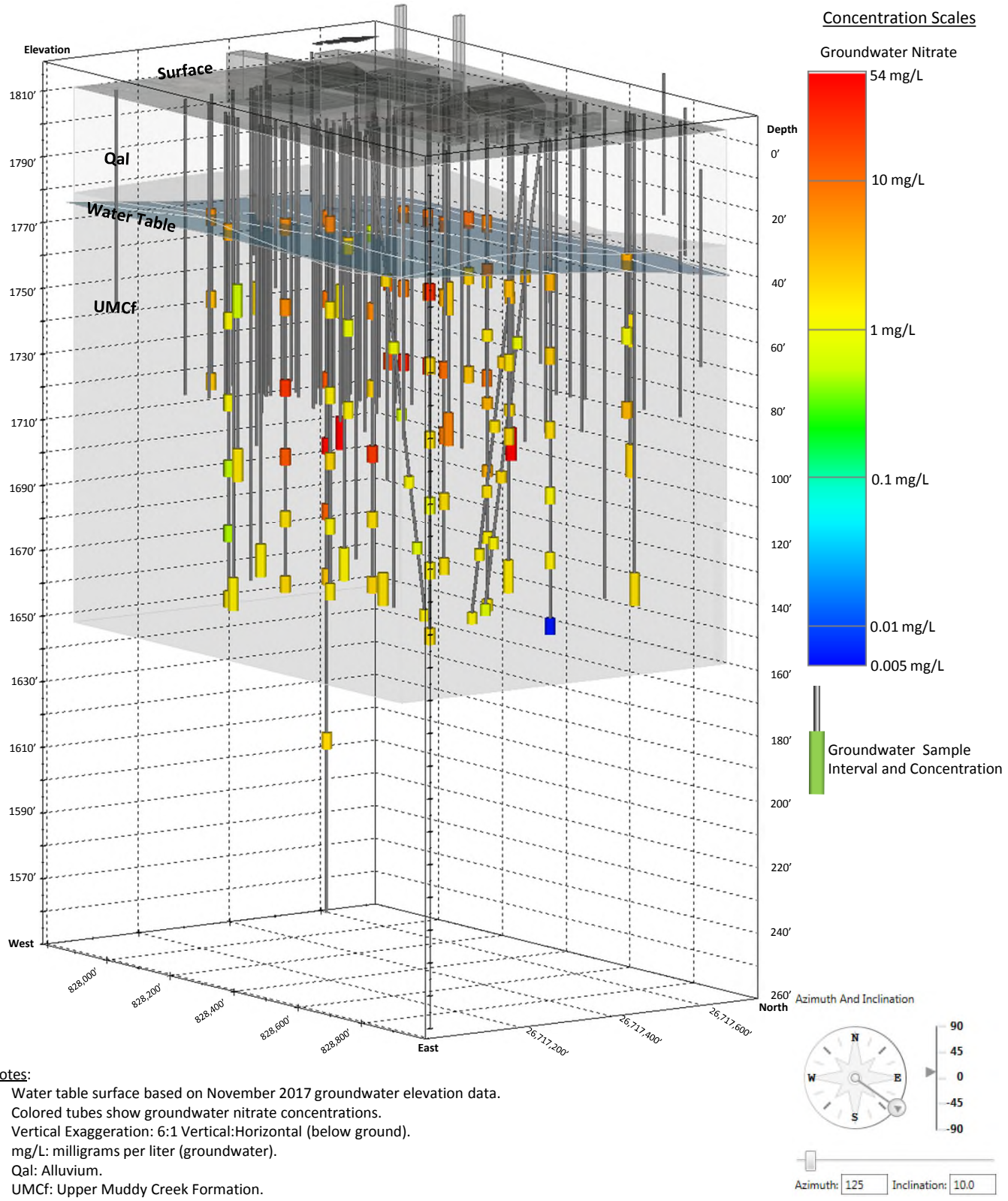
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF TDS DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-55

\\Tts134fs1\oeosuvol1\PROJECTS\DATA\NERT\M02\Mobilization_3\Powerpoint Figures\Fig G-65 – TDS GW Sections NS



Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored tubes show groundwater nitrate concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).
5. Qal: Alluvium.
6. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

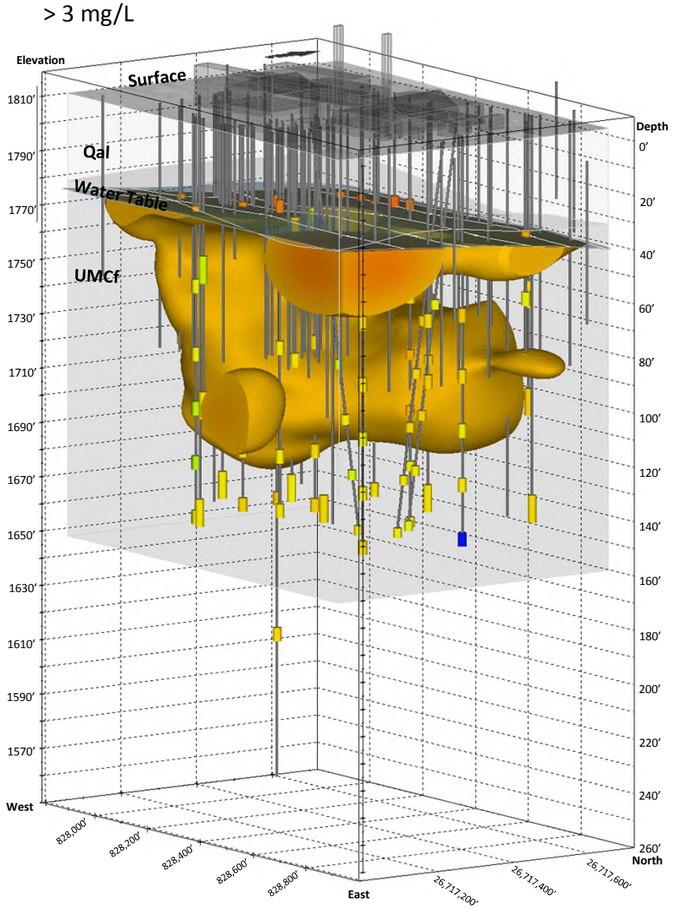
NITRATE GROUNDWATER SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

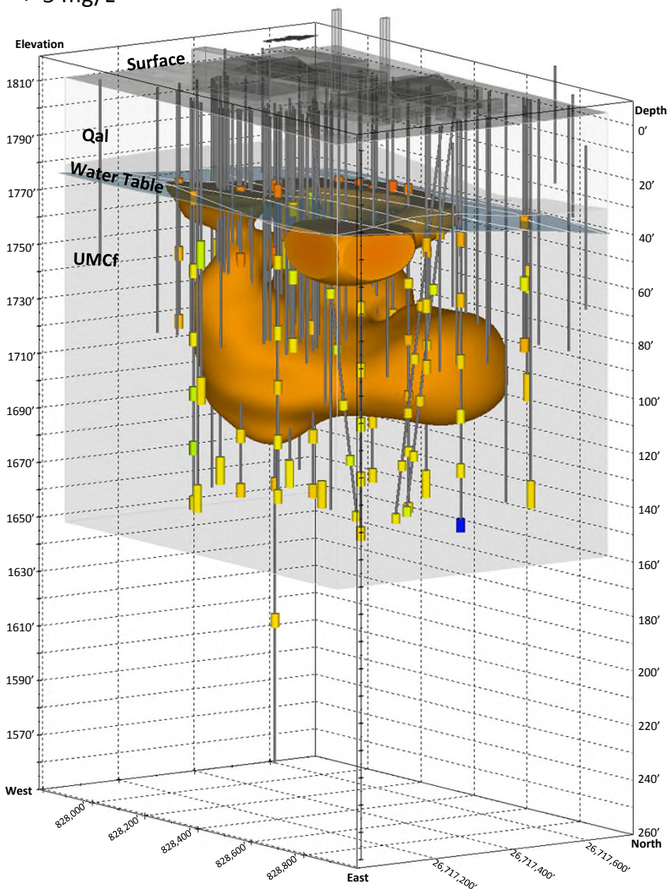
Figure No.
H-56

\\Tts134fs1\geosup\vol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-36 - Nitrate GW 3D85_11

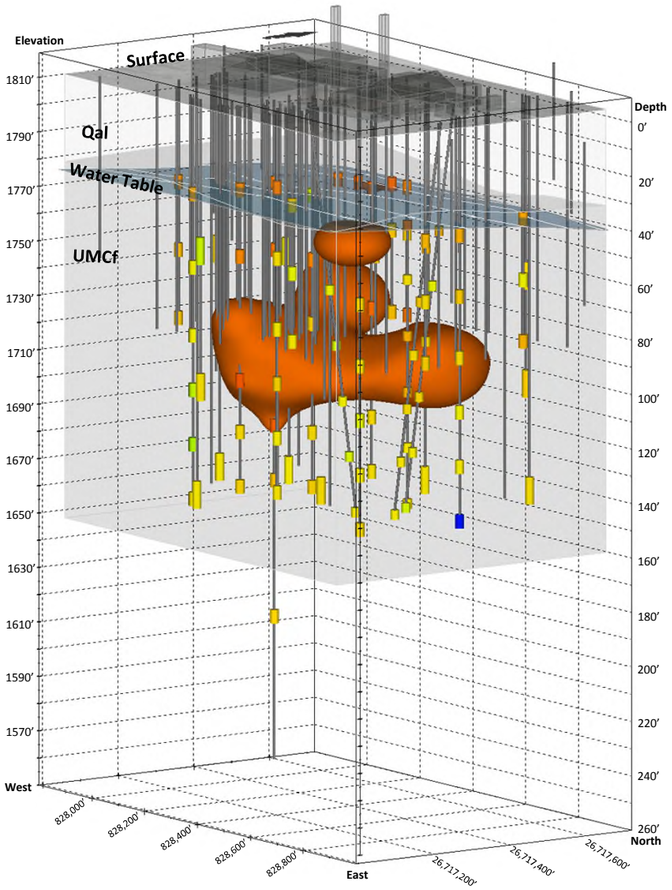
> 3 mg/L



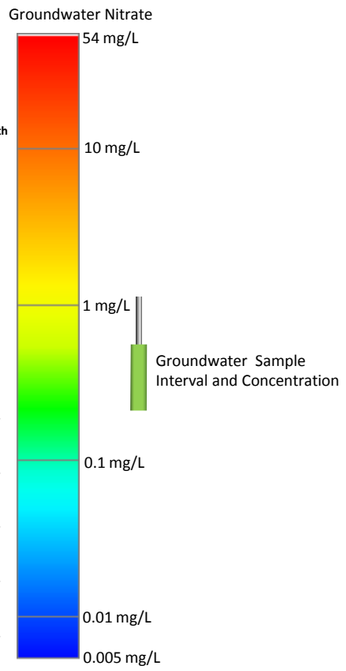
> 5 mg/L



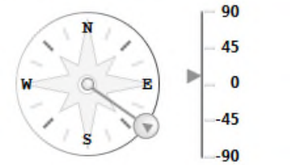
> 10 mg/L



Concentration Scales



Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored tubes show groundwater nitrate concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

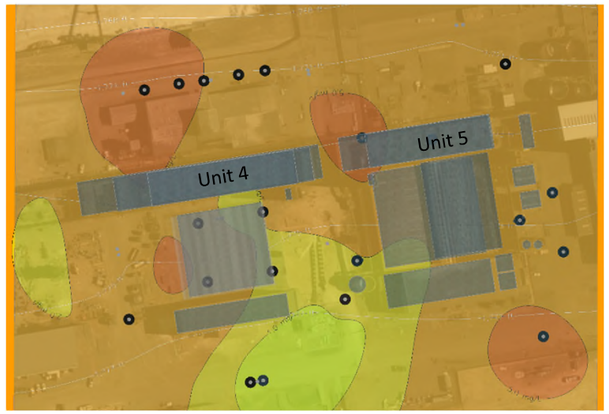
NITRATE DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

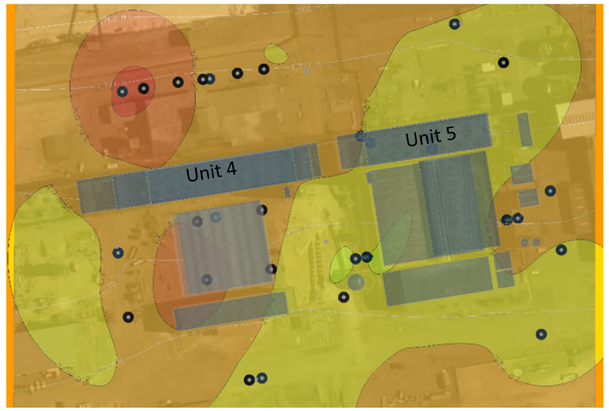
Figure No.
H-57

\\Tts1345\1\geosupvol1\PROJECTS\DATA\NERTM02\Mobilization 3\Powerpoint Figures\Fig G-37 - Nitrate GW 3D

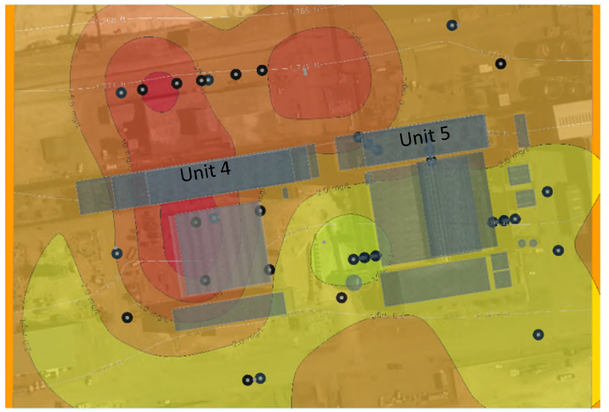
Horizontal Slice at 53’ bgs (1760 ft amsl)



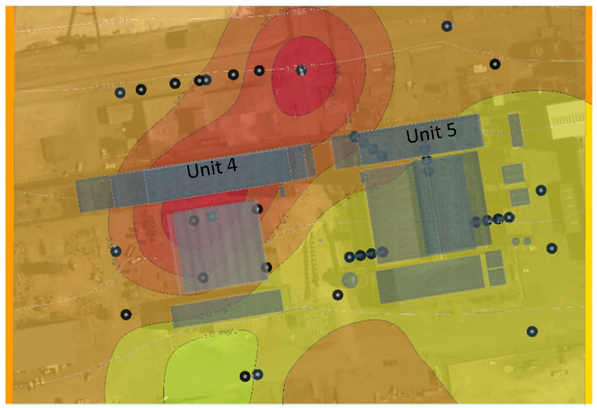
Horizontal Slice at 73’ bgs (1740 ft amsl)



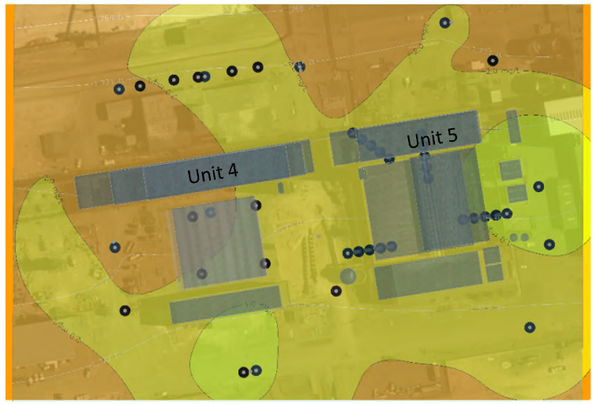
Horizontal Slice at 93’ bgs (1720 ft amsl)



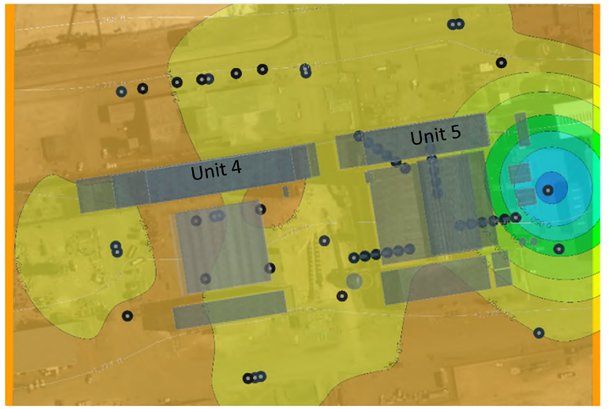
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)



Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scales
Groundwater Nitrate

Borehole Location

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

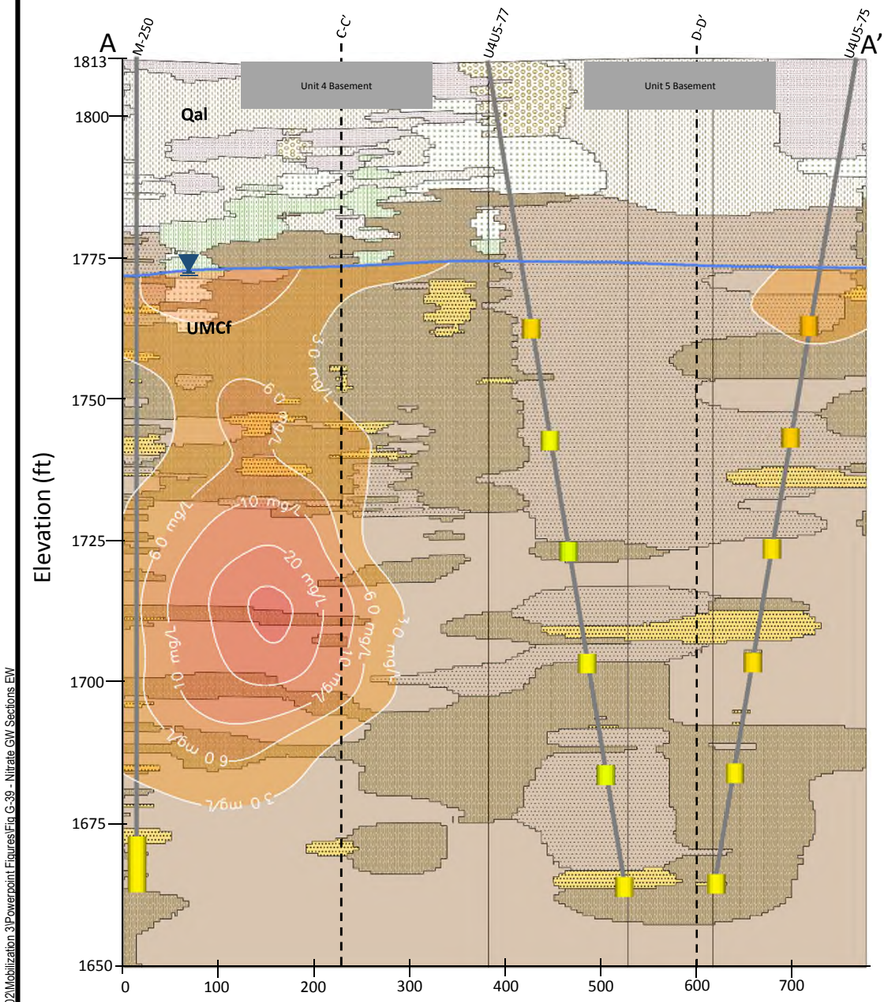
2D VISUALIZATION PLAN VIEW OF NITRATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

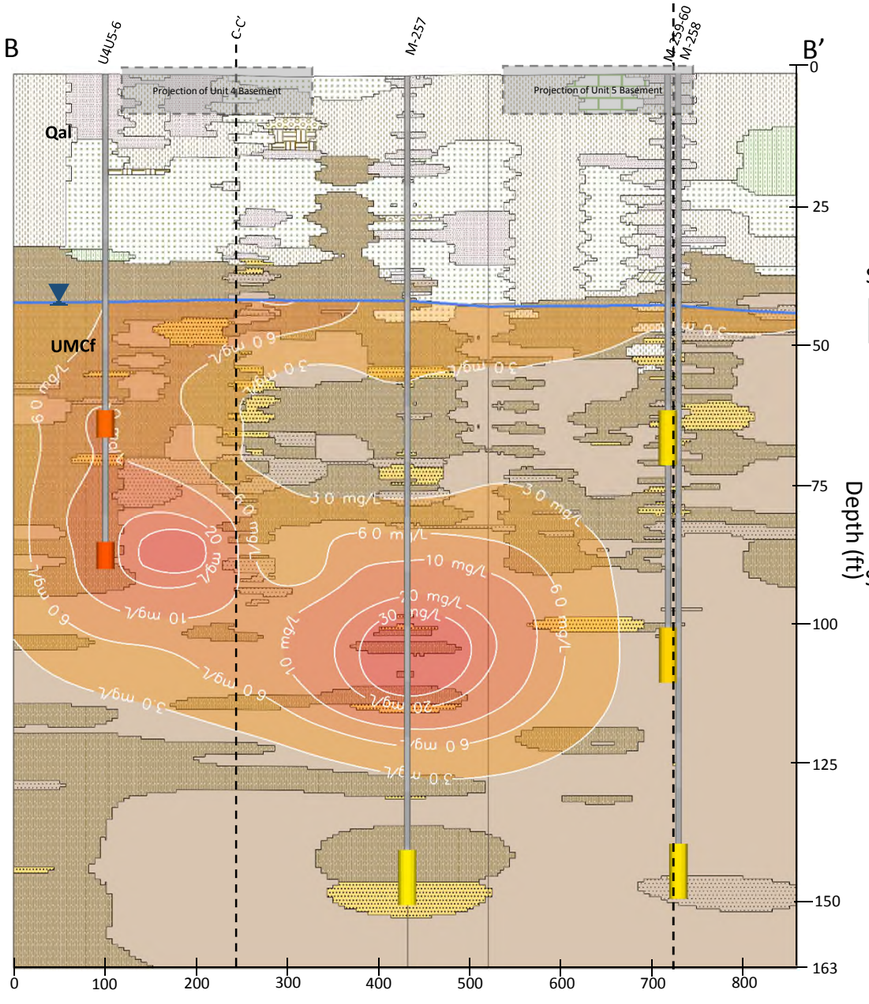
Figure No.
H-58

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERTM02\Mobilization 3\Powerpoint Figures\Fig G-38 - Nitrate 2D GW

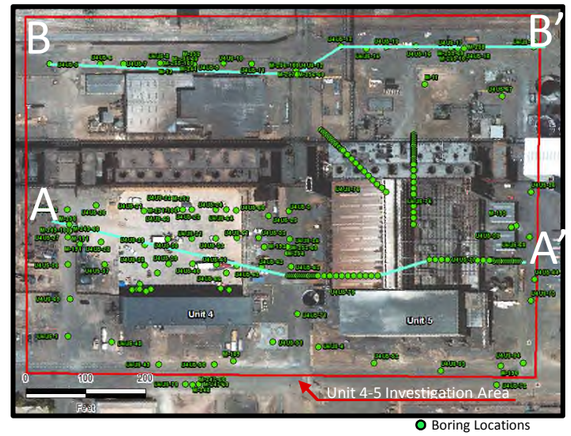
Through Units 4 and 5



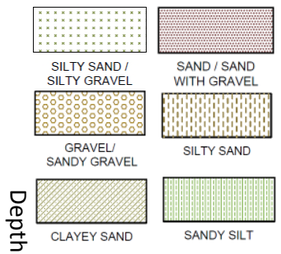
Downgradient (North)



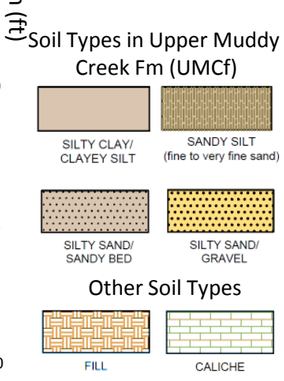
Cross-Section Locations



Soil Types in Alluvium (Qal)

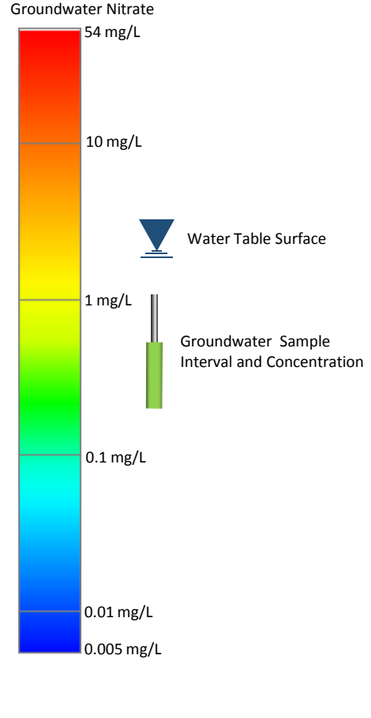


Soil Types in Upper Muddy Creek Fm (UMCf)



Other Soil Types

Concentration Scales



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater nitrate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

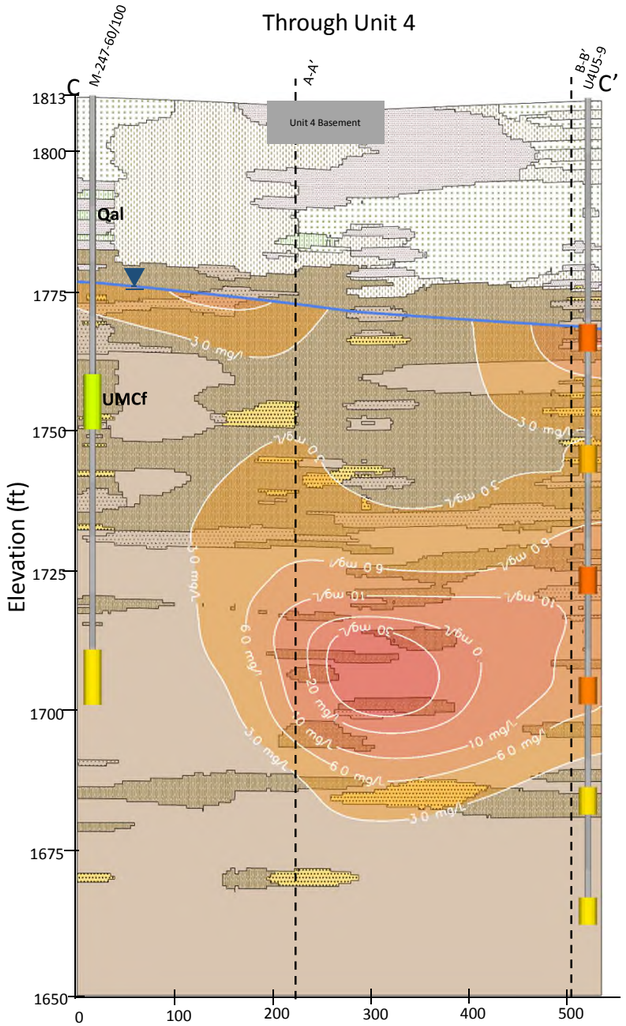
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF NITRATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

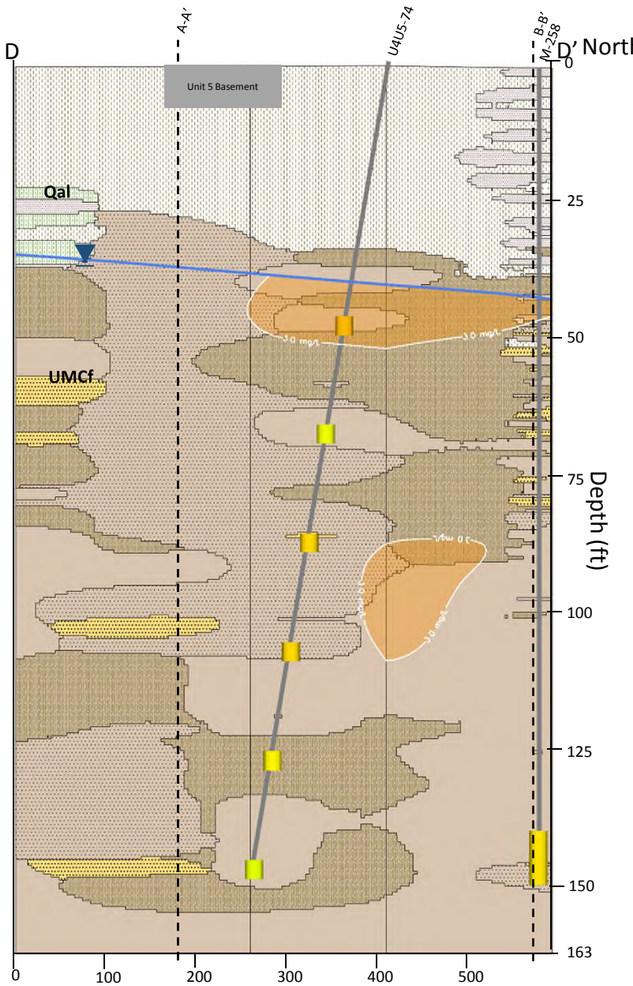
Figure No.
H-59

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-39 - Nitrate GW Sections EW

Through Unit 4

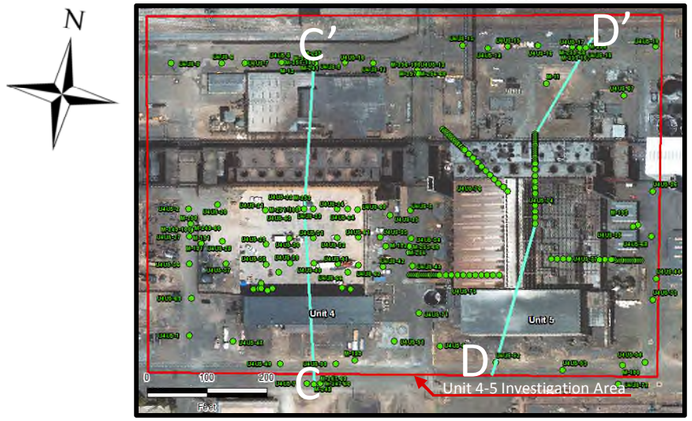


Through Unit 5

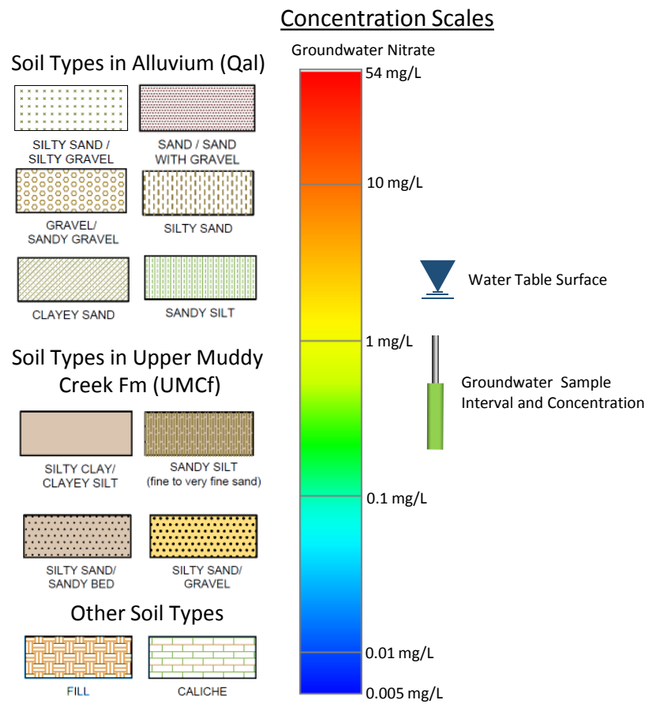


Distance Along Section (ft)

Cross-Section Locations



Concentration Scales



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking West.
3. Colored tubes show groundwater nitrate concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

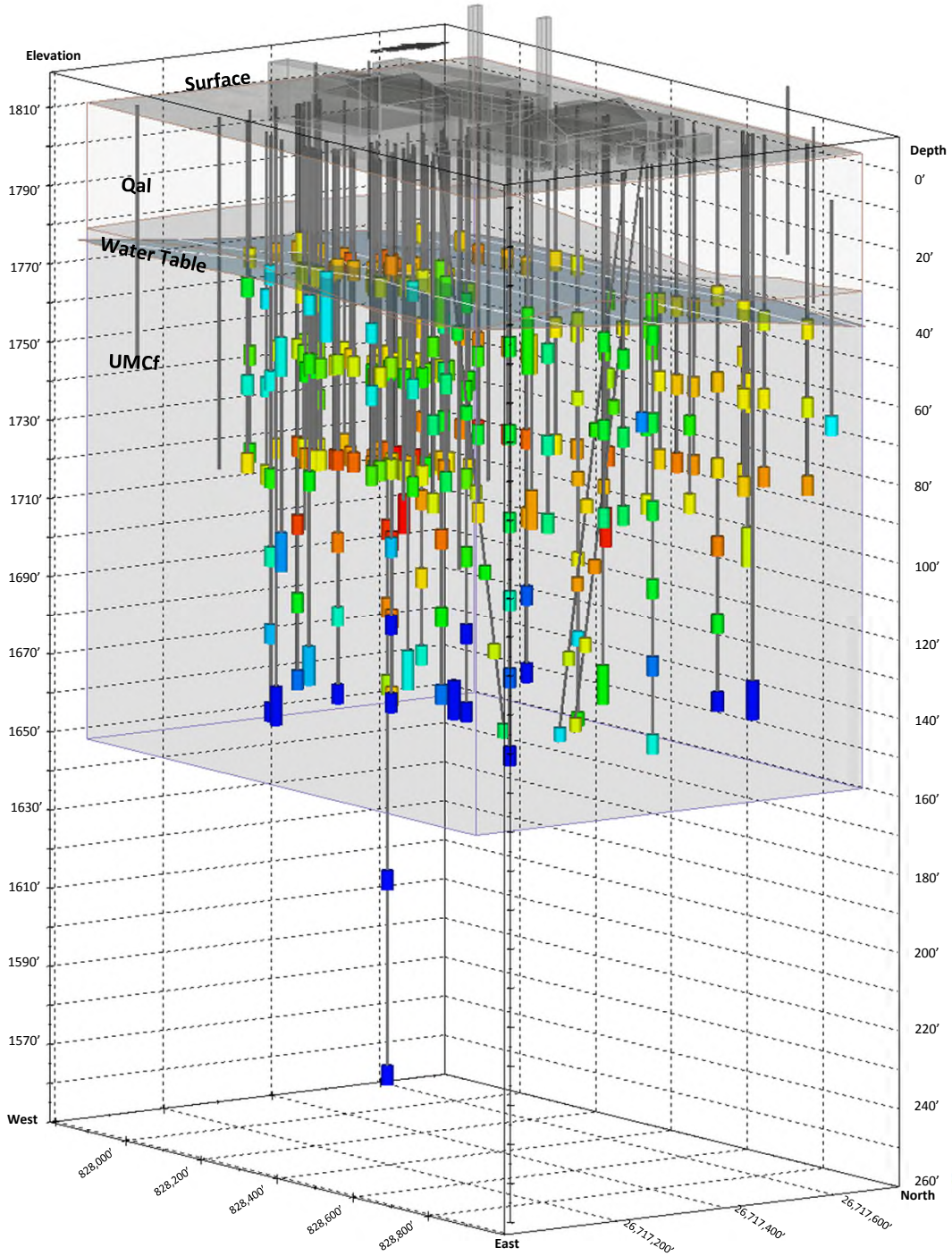
UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF NITRATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-60

\\Tts134fs1\geosupvol1\PROJECTS\DATANERTM02\Mobilization 3\Powerpoint Figures\Fig G-40 - Nitrate GW Sections NS



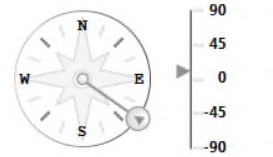
Concentration Scales

Groundwater Chloroform

10 mg/L
1 mg/L
0.1 mg/L
0.01 mg/L
0.001 mg/L
0.0001 mg/L

Groundwater Sample Interval and Concentration

Azimuth And Inclination



Azimuth: 125 Inclination: 10.0

Notes:

1. Water table surface based on November 2017 groundwater elevation data.
2. Colored tubes show groundwater chloroform concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).
5. Qal: Alluvium.
6. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

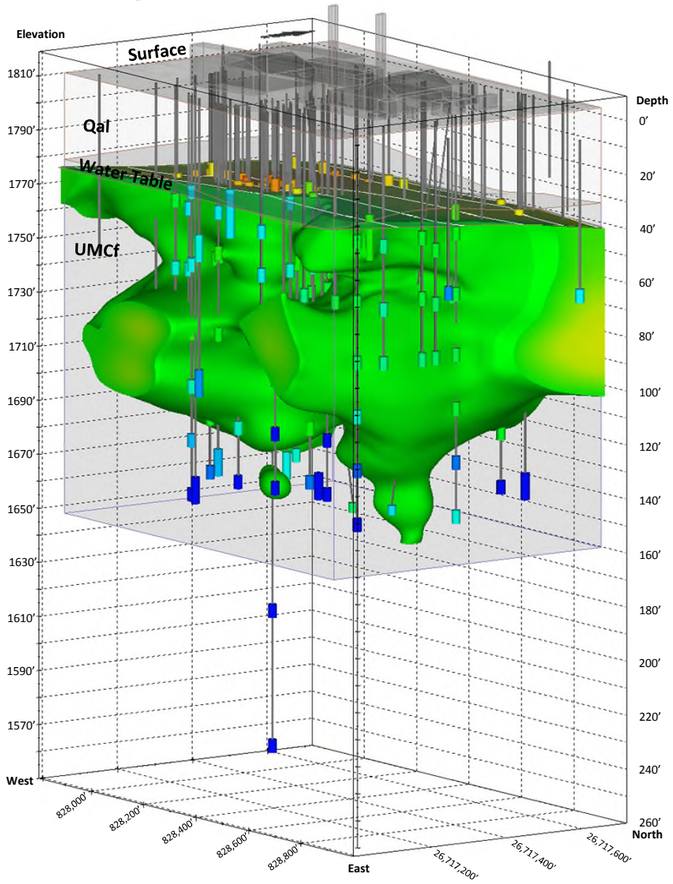
CHLOROFORM GROUNDWATER SAMPLE RESULTS

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

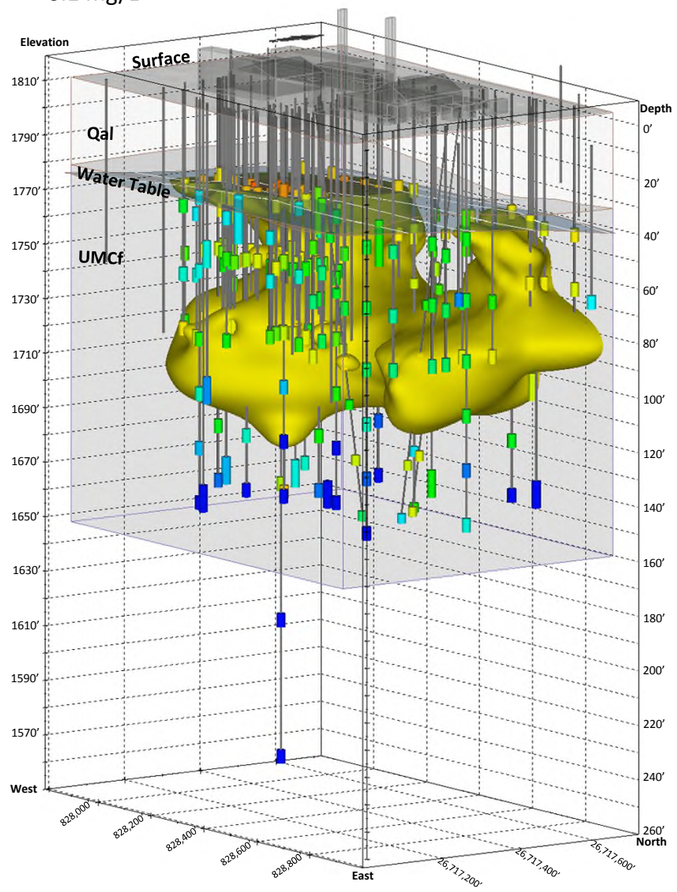
Figure No.
H-61

\\Tts134fs1\geosupvol1\PROJECTS\DATAINERTM02\Mobilization 3\Powerpoint Figures\Fig G-26 - Chloroform GW 3D85_11

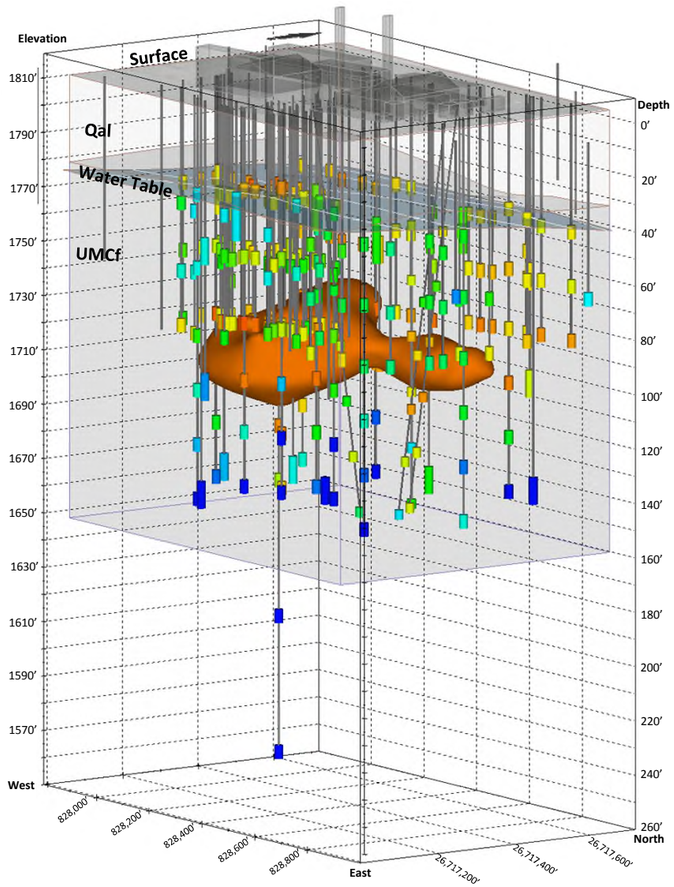
> 0.01 mg/L



> 0.1 mg/L

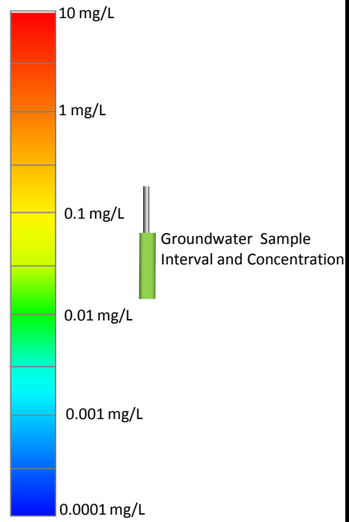


> 1.0 mg/L

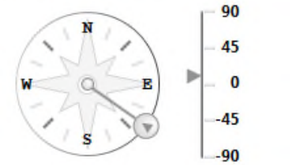


Concentration Scales

Groundwater Chloroform



Azimuth And Inclination



Notes:

1. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
2. Water table surface based on November 2017 groundwater elevation data.
3. Colored tubes show groundwater chloroform concentrations.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Qal: Alluvium.
7. UMCf: Upper Muddy Creek Formation.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

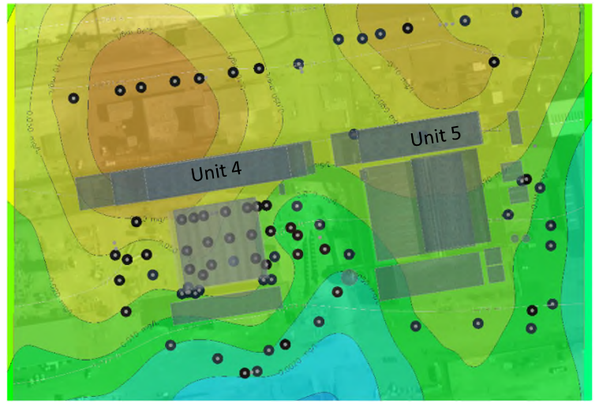
CHLOROFORM DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

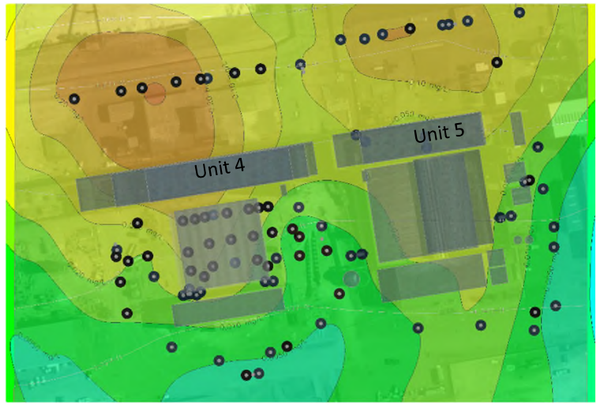
Figure No.
H-62

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-27 - Chloroform GW 3D

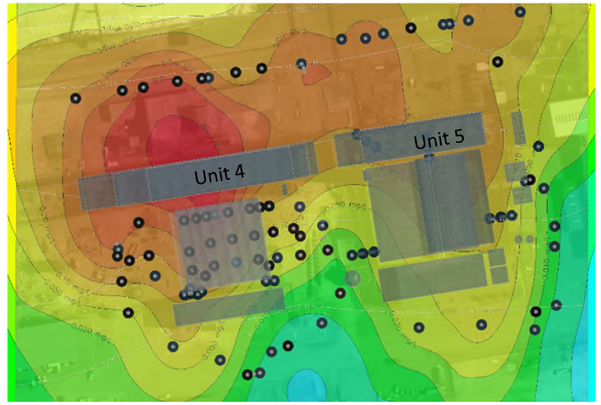
Horizontal Slice at 53’ bgs (1760 ft amsl)



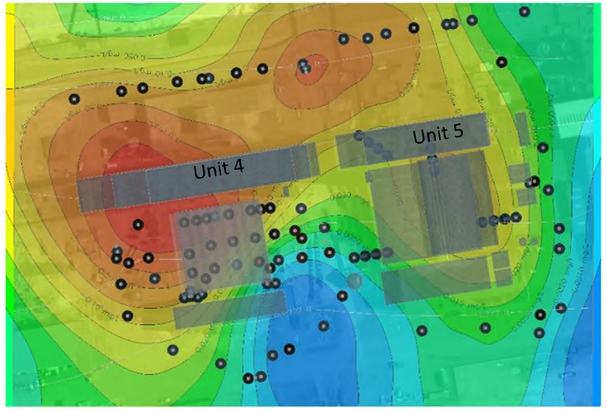
Horizontal Slice at 73’ bgs (1740 ft amsl)



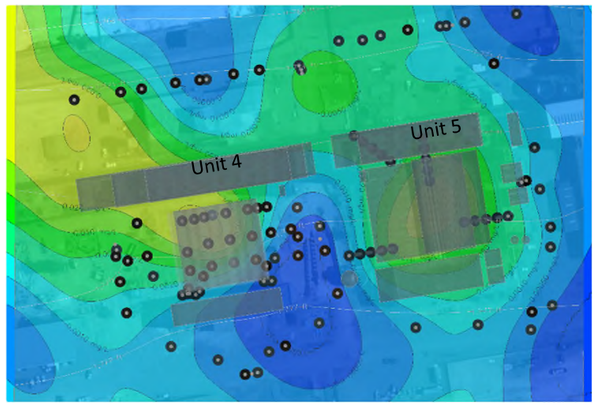
Horizontal Slice at 93’ bgs (1720 ft amsl)



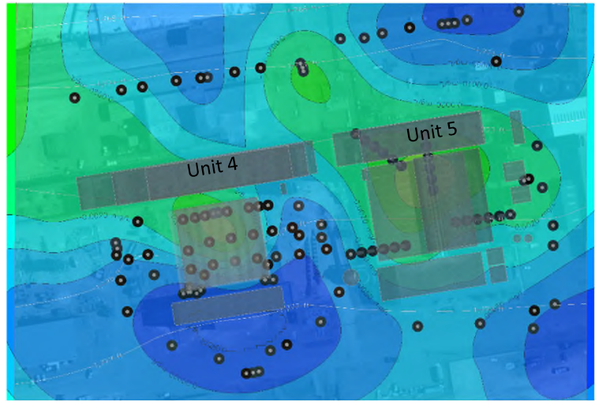
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)

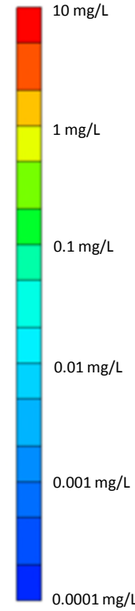


Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scale

Groundwater Chloroform



Borehole Location

N

0 270 540

Feet

Note:
1. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT

HENDERSON, NEVADA

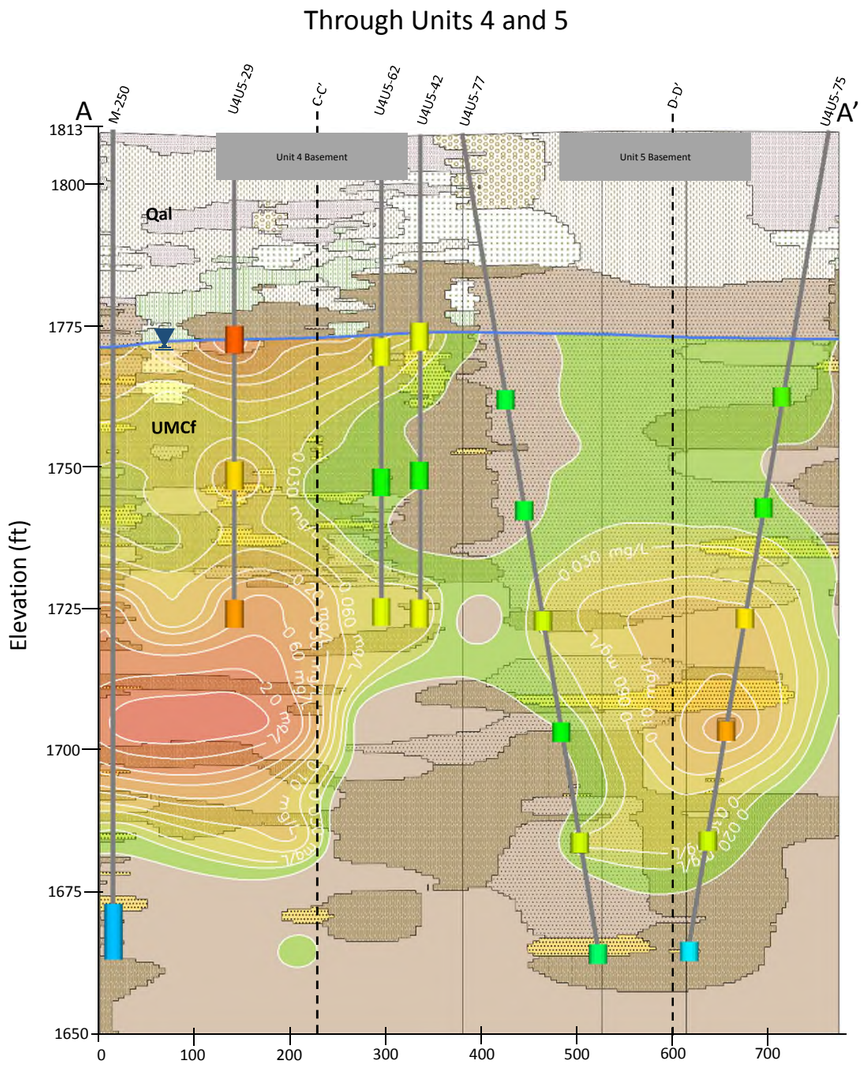
2D VISUALIZATION PLAN VIEW OF CHLOROFORM DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

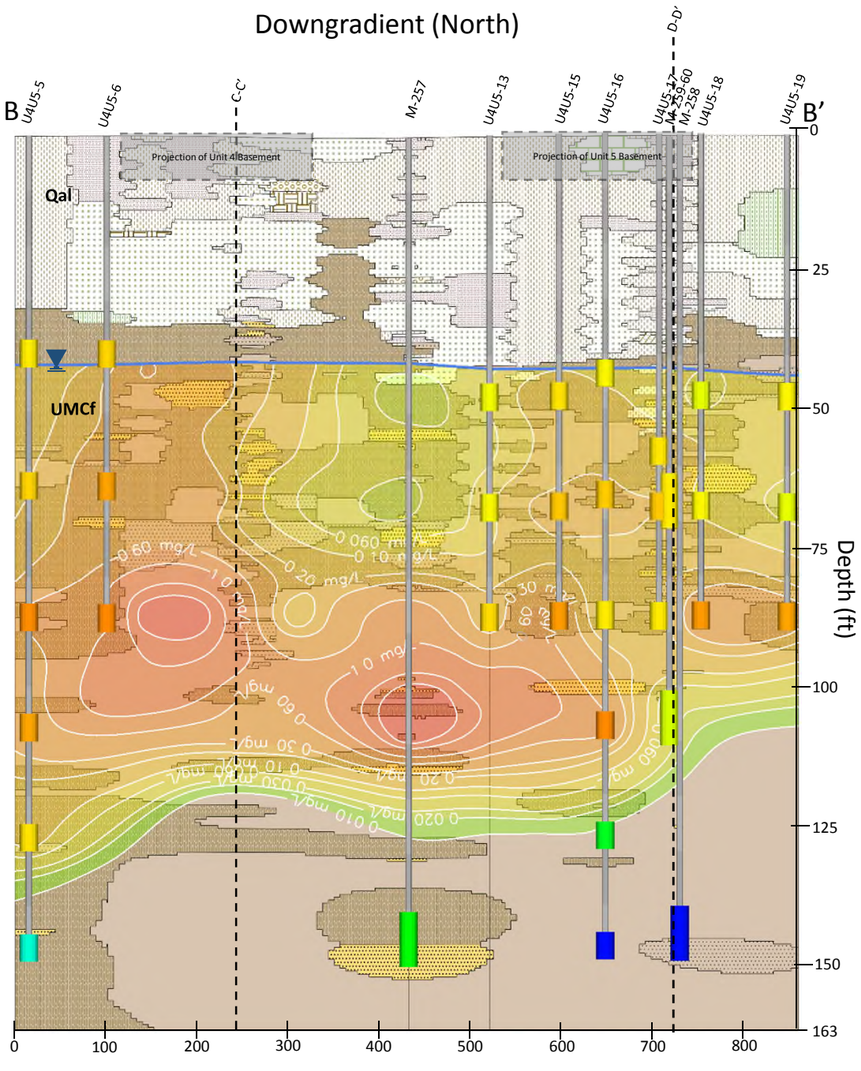
Figure No.
H-63

\\Ts134fs1\eosuvol1\PROJECTS\DATA\NERT\M02\Mobilization 3\Powerpoint Figures\Fig G-28 - Chloro6rm 2D GW v2

Through Units 4 and 5

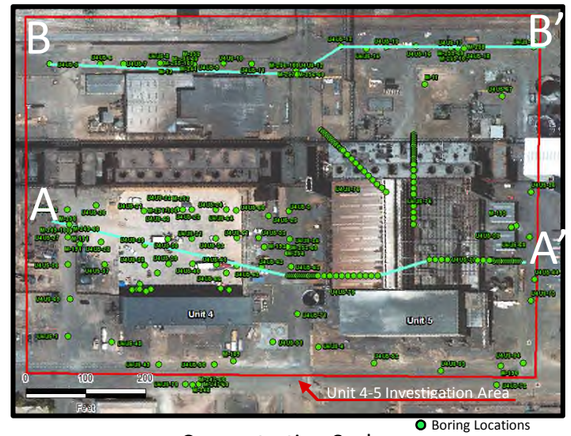


Downgradient (North)



Distance Along Section (ft)

Cross-Section Locations



Concentration Scales

Groundwater Chloroform

10 mg/L
1 mg/L
0.1 mg/L
0.01 mg/L
0.001 mg/L
0.0001 mg/L

Water Table Surface

Groundwater Sample Interval and Concentration

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater chloroform concentration.
4. Water table surface based on November 2017 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs (below ground surface) due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl (above mean sea level) for the purposes of illustrated depth.
7. M-250 Monitoring well location and designation.
8. U4U5-29 Borehole location and designation.
9. Extrapolation of contaminant distribution from the kriging process may result in projection of concentration contours below or beyond the extent of available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

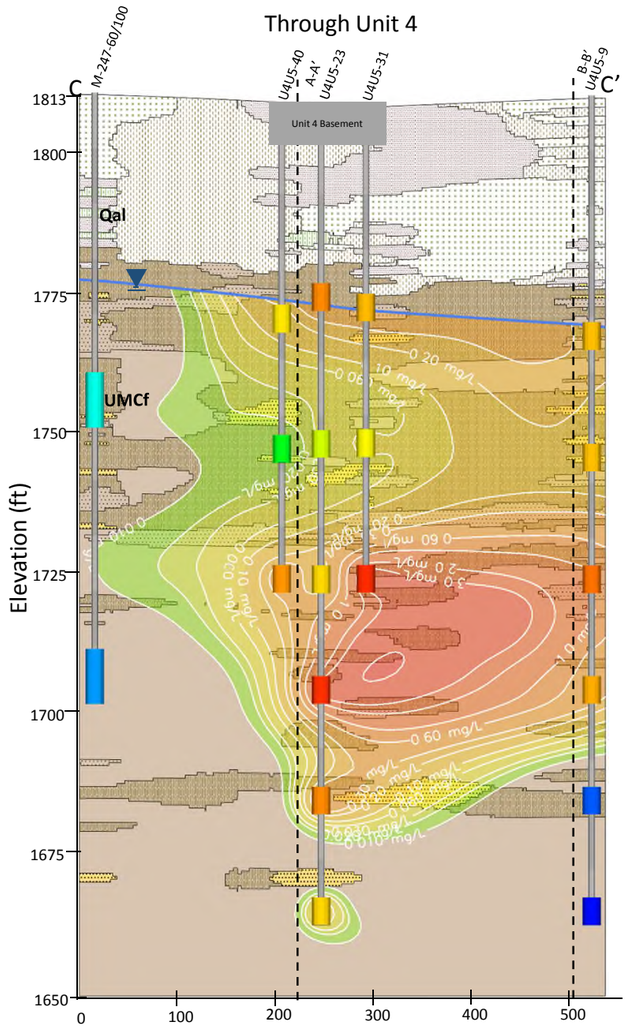
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

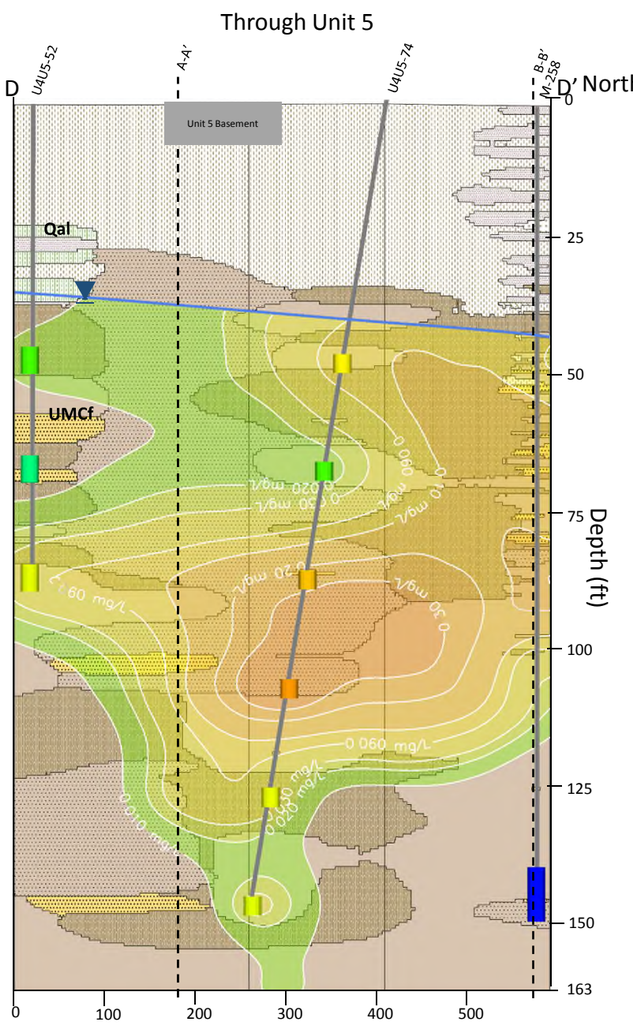
Figure No.
H-64

\\Tts134fs1\geosupvol1\PROJECTS\DATA\NERTM02\Mobilization 3\Powerpoint Figures\Fig G-29 - Chloroform GW Sections EW

Through Unit 4

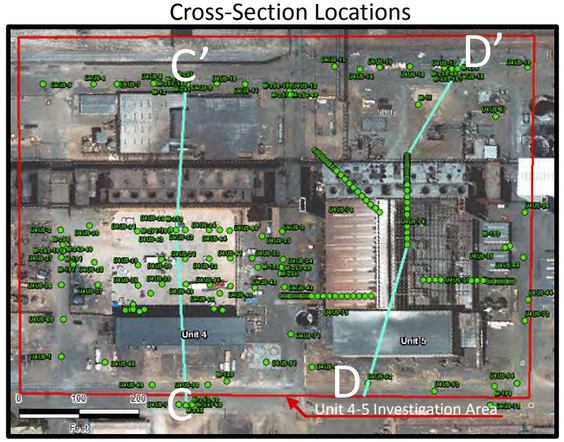


Through Unit 5



Distance Along Section (ft)

Cross-Section Locations



Boring Locations

Concentration Scales

Soil Types in Alluvium (Qal)

- SILTY SAND / SILTY GRAVEL
- SAND / SAND WITH GRAVEL
- GRAVEL/ SANDY GRAVEL
- SILTY SAND
- CLAYEY SAND
- SANDY SILT

Soil Types in Upper Muddy Creek Fm (UMCf)

- SILTY CLAY/ CLAYEY SILT
- SANDY SILT (fine to very fine sand)
- SILTY SAND/ SANDY BED
- SILTY SAND/ GRAVEL

Other Soil Types

- FILL
- CALICHE

Groundwater Chloroform

- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L
- 0.0001 mg/L

Water Table Surface

Groundwater Sample Interval and Concentration

Notes:

1. Vertical exaggeration: 6:1.
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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND 5 BUILDINGS INVESTIGATION SOURCE AREA CHARACTERIZATION REPORT
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502018
Date:	April 17, 2019
Designed By:	MRB

Figure No.
H-65

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Appendix I
Geotechnical Summary Tables

Second Mobilization	Plastic Limit (5)	Liquid Limit (%)	Plasticity Index (%)	USCS
U4U5-62-SS-20-09-08-2016	NP	NV	NP	-
U4U5-66-SS-22-19-10-2016	NP	NV	NP	-
U4U5-66-SS-27-19-10-2016	NP	NV	NP	-
U4U5-66-SS-30-19-10-2016	NP	NV	NP	-
U4U5-64-SS-100-14-11-2016	33	80	47	CH
U4U5-64-SS-90-14-11-2016	37	88	51	CH
U4U5-65-SS-30-03-11-2016	NP	NV	NP	-
U4U5-63-SS-90-27-10-2016	41	72	31	MH
U4U5-63-SS-92.5-27-10-2016	32	73	41	CH
U4U5-64-SS-30-10-11-2016	41	66	25	MH
U4U5-64-SS-80-11-11-2016	29	112	83	CH
U4U5-65-SS-22-03-11-2016	NP	NV	NP	-
U4U5-65-SS-27-03-11-2016	NP	NV	NP	-
U4U5-63-SS-100-27-10-2016	30	82	52	CH
U4U5-65-SS-90-07-11-2016	40	120	80	CH
U4U5-65-SS-92-07-11-2016	NP	NV	NP	-
U4U5-65-SS-94-07-11-2016	39	95	56	CH
U4U5-69-SS-35-22-11-2016	NP	NV	NP	-
U4U5-67-SS-40-07-12-2016	NP	NV	NP	-
U4U5-63-SS-110-27-10-2016	31	58	27	MH
U4U5-66-SS-80-20-10-2016	31	86	55	CH
U4U5-63-SS-77.5-25-10-2016	NP	NV	NP	-
U4U5-63-SS-80-25-10-2016	29	69	40	ML
U4U5-65-SS-80-03-11-2016	37	79	42	MH
U4U5-64-SS-55-11-11-2016	33	51	18	MH
U4U5-65-SS-100-07-11-2016	25	50	25	CL/CH
U4U5-71-SS-40-21-11-2016	NP	NV	NP	-
U4U5-64-SS-40-11-11-2016	38	68	30	MH
U4U5-66-SS-90-21-10-2016	35	101	66	CH
U4U5-68-SS-40-13-12-2016	37	59	22	MH
U4U5-70-SS-15-29-11-2016	NP	NV	NP	-
U4U5-63-SS-40-25-10-2016	36	61	25	MH
U4U5-71-SS-30-21-11-2016	NP	NV	NP	-
U4U5-65-SS-40-03-11-2016	50	70	20	MH
U4U5-70-SS-90-29-11-2016	41	94	53	MH
U4U5-63-SS-50-25-10-2016	36	71	35	MH
U4U5-73-SS-35-06-12-2016	55	69	14	MH
U4U5-72-SS-35-14-11-2016	NP	NV	NP	-
U4U5-64-SS-110-15-11-2016	31	81	50	CH
U4U5-70-SS-80-29-11-2016	49	114	65	MH
U4U5-65-SS-50-03-11-2016	37	74	37	MH
U4U5-63-SS-70-25-10-2016	25	47	22	CL
U4U5-64-SS-70-11-11-2016	33	65	32	MH
U4U5-65-SS-70-03-11-2016	24	36	12	CL
U4U5-64-SS-60-11-11-2016	27	104	77	CH

Second Mobilization	Plastic Limit (5)	Liquid Limit (%)	Plasticity Index (%)	USCS
U4U5-64-SS-62.5-11-11-2016	29	40	11	ML
U4U5-66-SS-40-19-10-2016	32	46	14	ML
U4U5-70-SS-20-29-11-2016	NP	NV	NP	-
U4U5-63-SS-60-25-10-2016	32	70	38	CH
U4U5-65-SS-110-08-11-2016	36	63	27	MH
U4U5-67-SS-35-07-12-2016	30	46	16	ML
U4U5-66-SS-100-21-10-2016	47	77	30	MH
U4U5-72-SS-40-14-11-2016	40	64	24	MH
U4U5-66-SS-110-24-10-2016	44	78	34	MH
U4U5-70-SS-25-29-11-2016	39	64	25	MH
U4U5-73-SS-40-06-12-2016	45	83	38	MH
U4U5-63-SS-120-27-10-2016	41	72	31	MH
U4U5-68-SS-120-16-12-2016	26	69	43	CH
U4U5-72-SS-60-15-11-2016	NP	NV	NP	-
U4U5-72-SS-65-15-11-2016	29	58	29	CH
U4U5-68-SS-60-13-12-2016	32	58	26	MH
U4U5-65-SS-60-03-11-2016	26	41	15	ML
U4U5-72-SS-50-15-11-2016	37	77	40	MH
U4U5-72-SS-55-15-11-2016	25	57	32	CH
U4U5-71-SS-25-21-11-2016	NP	NV	NP	-
U4U5-73-SS-60-06-12-2016	31	50	19	ML/MH
U4U5-73-SS-50-06-12-2016	33	62	29	MH
U4U5-73-SS-80-06-12-2016	39	96	57	CH
U4U5-63-SS-190-31-10-2016	39	82	43	MH
U4U5-63-SS-191-31-10-2016	31	57	26	MH
U4U5-64-SS-130-10-11-2016	45	104	59	MH
U4U5-66-SS-130-26-10-2016	51	109	58	MH
U4U5-72-SS-120-17-11-2016	37	80	43	MH
U4U5-63-SS-180-31-10-2016	28	67	39	CH
U4U5-63-SS-130-27-10-2016	56	110	54	MH
U4U5-63-SS-160-31-10-2016	43	69	26	MH
U4U5-63-SS-220-01-11-2016	26	70	41	CH
U4U5-63-SS-170-31-10-2016	37	73	36	MH
U4U5-63-SS-150-31-10-2016	39	95	56	CH
U4U5-63-SS-200-01-11-2016	31	59	28	CH/MH
U4U5-64-SS-140-10-11-2016	42	80	38	MH
U4U5-65-SS-130-09-11-2016	51	98	47	MH
U4U5-68-SS-140-19-12-2016	53	97	44	MH
U4U5-70-SS-140-05-12-2016	38	75	37	MH
U4U5-65-SS-140-09-11-2016	43	82	39	MH
U4U5-68-SS-150-19-12-2016	42	105	63	CH
U4U5-72-SS-100-16-11-2016	25	67	42	CH
U4U5-72-SS-140-18-11-2016	50	98	48	MH
U4U5-70-SS-120-02-12-2016	38	66	28	MH
U4U5-70-SS-125-02-12-2016	NP	NV	NP	-

Second Mobilization	Plastic Limit (5)	Liquid Limit (%)	Plasticity Index (%)	USCS
U4U5-70-SS-150-05-12-2016	39	83	44	MH
U4U5-72-SS-110-16-11-2016	36	70	34	MH
U4U5-72-SS-130-17-11-2016	38	73	35	MH
U4U5-72-SS-150-18-11-2016	37	90	53	CH
U4U5-63-SS-210-01-11-2016	28	47	19	ML
U4U5-63-SS-212-01-11-2016	28	49	21	ML/CL
U4U5-63-SS-240-01-11-2016	27	38	11	ML
U4U5-34-SS-27.5-28-09-2016	NP	NV	NP	-
U4U5-34-SS-30-28-09-2016	NP	NV	NP	-
U4U5-42-SS-27.5-12-09-2016	NP	NV	NP	-
U4U5-42-SS-32.5-12-09-2016	48	59	11	MH
U4U5-11-SS-40-21-11-2016	NP	NV	NP	-
U4U5-9-SS-100-02-12-2016	36	70	34	MH
U4U5-7-SS-40-08-12-2016	NP	NV	NP	-
U4U5-10-SS-40-29-11-2016	NP	NV	NP	-
U4U5-6-SS-60-19-10-2016	24	45	21	CL
U4U5-9-SS-40-30-11-2016	NP	NV	NP	-
U4U5-8-SS-40-07-12-2016	47	60	13	MH
U4U5-9-SS-60-30-11-2016	NP	NV	NP	-
U4U5-9-SS-110-02-12-2016	42	109	67	CH
U4U5-8-SS-35-07-12-2016	NP	NV	NP	-
U4U5-6-SS-40-19-10-2016	NP	NV	NP	-
U4U5-6-SS-41.5-19-10-2016	NP	NV	NP	-
U4U5-6-SS-42-19-10-2016	42	70	28	MH
U4U5-6-SS-35-19-10-2016	NP	NV	NP	-
U4U5-64-SS-50-11-11-2016	32	45	13	ML
U4U5-69-SS-25-22-11-2016	NP	NV	NP	SM
U4U5-66-SS-62.5-20-10-2016	-	-	-	-
U4U5-69-SS-20-22-11-2016	NP	NV	NP	SM
U4U5-7-SS-25-08-12-2016	NP	NV	NP	SM
U4U5-69-SS-15-22-11-2016	NP	NV	NP	SP-SM
U4U5-7-SS-35-08-12-2016	NP	NV	NP	SM
U4U5-7-SS-30-08-12-2016	NP	NV	NP	SP-SM
U4U5-7-SS-20-28-11-2016	NP	NV	NP	SM
U4U5-11-SS-71-21-11-2016	NP	NV	NP	SM
U4U5-7-SS-15-28-11-2016	NP	NV	NP	SM
U4U5-69-SS-10-09-11-2016	NP	NV	NP	SM
U4U5-10-SS-10-08-11-2016	NP	NV	NP	SP-SM
U4U5-66-SS-105-24-10-2016	NP	NV	NP	SM
U4U5-10-SS-5-08-11-2016	NP	NV	NP	SM
U4U5-9-SS-35-30-11-2016	NP	NV	NP	SM
U4U5-73-SS-25-06-12-2016	NP	NV	NP	ML
U4U5-73-SS-15-06-12-2016	NP	NV	NP	SW-SM
U4U5-7-SS-10-08-11-2016	NP	NV	NP	SP-SM
U4U5-73-SS-30-06-12-2016	NP	NV	NP	SM

Second Mobilization	Plastic Limit (5)	Liquid Limit (%)	Plasticity Index (%)	USCS
U4U5-71-SS-15-21-11-2016	NP	NV	NP	SP-SM
U4U5-66-SS-75-20-10-2016	NP	NV	NP	SP-SM
U4U5-72-SS-25-14-11-2016	NP	NV	NP	ML
U4U5-63-SS-72.5-25-10-2016	NP	NV	NP	SW-SM
U4U5-71-SS-20-21-11-2016	NP	NV	NP	SM
U4U5-70-SS-95-01-12-2016	NP	NV	NP	ML
U4U5-10-SS-35-29-11-2016	NP	NV	NP	SM
U4U5-8-SS-15-28-11-2016	NP	NV	NP	SM
U4U5-71-SS-5-10-11-2016	NP	NV	NP	SM
U4U5-72-SS-57.5-15-11-2016	NP	NV	NP	SM
U4U5-67-SS-25-07-12-2016	NP	NV	NP	SW-SM
U4U5-9-SS-30-30-11-2016	NP	NV	NP	SW-SM
U4U5-67-SS-30-07-12-2016	NP	NV	NP	SP-SM
U4U5-11-SS-10-09-11-2016	NP	NV	NP	SP-SM
U4U5-67-SS-20-07-12-2016	NP	NV	NP	SM
U4U5-69-SS-5-09-11-2016	NP	NV	NP	SM
U4U5-66-SS-70-20-10-2016	NP	NV	NP	ML
U4U5-67-SS-15-07-12-2016	NP	NV	NP	SP-SM
U4U5-72-SS-20-14-11-2016	NP	NV	NP	SM
U4U5-71-SS-10-10-11-2016	NP	NV	NP	SW-SM
U4U5-73-SS-20-06-12-2016	NP	NV	NP	SM
U4U5-6-SS-20-19-10-2016	NP	NV	NP	SP-SM
U4U5-72-SS-5-11-11-2016	NP	NV	NP	SM
U4U5-72-SS-15-14-11-2016	NP	NV	NP	SP-SM
U4U5-6-SS-15-19-10-2016	NP	NV	NP	SM
U4U5-8-SS-20-28-11-2016	NP	NV	NP	SW-SM
U4U5-10-SS-30-29-11-2016	NP	NV	NP	SP-SM
U4U5-6-SS-32-19-10-2016	NP	NV	NP	SM
U4U5-6-SS-30-19-10-2016	NP	NV	NP	SM
Third Mobilization				
M-252 48.0-50.0	28	61	33	CH
M-252 58.0-60.0	28	56	28	CH
M-252 68.0-70.0	25	27	2	SM
M-252 78.0-80.0	37	79	42	MH
M-252 98.0-100.0	28	65	37	CH
M-252 108.0-110.0	29	64	35	CH
M-252 130.0-132.0	33	71	38	CH
M-252 140.0-142.0	52	101	49	MH

Second Mobilization	% Gravel		% Sand			% Fines		
	Coarse	Fine	Coarse	Medium	Fine	Silt and Clay	Silt	Clay
U4U5-64-SS-50-11-11-2016	18.4	15.1	22.5	22.9	12.2	8.9	-	-
U4U5-69-SS-25-22-11-2016	0	1.5	8.3	25.5	32.9	31.8	-	-
U4U5-66-SS-62.5-20-10-2016	-	-	-	-	-	-	-	-
U4U5-69-SS-20-22-11-2016	8.6	20.1	7.7	16.9	24.8	21.9	-	-
U4U5-7-SS-25-08-12-2016	8.1	10.8	11.4	24.5	25.4	19.8	-	-
U4U5-69-SS-15-22-11-2016	15.6	15	15.2	22.6	20.1	11.5	-	-
U4U5-7-SS-35-08-12-2016	0	18.8	19.4	21.3	20.1	20.4	-	-
U4U5-7-SS-30-08-12-2016	0	23.4	21.8	24.4	18.8	11.6	-	-
U4U5-7-SS-20-28-11-2016	0	18.6	12.5	24	24.5	20.4	-	-
U4U5-11-SS-71-21-11-2016	0	5.1	11.7	30.1	28.6	24.5	-	-
U4U5-7-SS-15-28-11-2016	0	14.3	14.4	35.5	19.4	16.4	-	-
U4U5-69-SS-10-09-11-2016	0	14	19.2	27.9	24.7	14.2	-	-
U4U5-10-SS-10-08-11-2016	0	13.4	19	30.2	26.5	10.9	-	-
U4U5-66-SS-105-24-10-2016	0	15.1	11	22.9	31.7	19.3	-	-
U4U5-10-SS-5-08-11-2016	7.5	9.4	14.9	26.5	28.8	12.9	-	-
U4U5-9-SS-35-30-11-2016	0	0	3.4	36.8	36.6	23.2	-	-
U4U5-73-SS-25-06-12-2016	0	1.8	1.1	5.4	27.9	63.8	-	-
U4U5-73-SS-15-06-12-2016	0	24.4	23	24.4	18.4	9.8	-	-
U4U5-7-SS-10-08-11-2016	11.4	23.1	14.9	22	19.1	9.5	-	-
U4U5-73-SS-30-06-12-2016	0	15.6	5.8	16	29.7	32.9	-	-
U4U5-71-SS-15-21-11-2016	18.9	18.8	13.5	20.1	16.9	11.8	-	-
U4U5-66-SS-75-20-10-2016	0	15.2	23.5	29.5	19.8	12	-	-
U4U5-72-SS-25-14-11-2016	0	0	3.2	8	27.3	61.5	-	-
U4U5-63-SS-72.5-25-10-2016	0	17.3	26.1	35.4	15.4	5.8	-	-
U4U5-71-SS-20-21-11-2016	0	0.7	2.6	31	38.9	26.8	-	-
U4U5-70-SS-95-01-12-2016	0	1	1.6	5.2	38	54.2	-	-
U4U5-10-SS-35-29-11-2016	0	22.5	9	15.4	22.5	30.6	-	-
U4U5-8-SS-15-28-11-2016	0	19.3	17.2	22.5	21.5	19.5	-	-
U4U5-71-SS-5-10-11-2016	7.6	10.1	21.2	25.7	22.7	12.7	-	-
U4U5-72-SS-57.5-15-11-2016	0	0	11.2	31.6	40.1	17.1	-	-
U4U5-67-SS-25-07-12-2016	0	26.5	22.8	26	18.9	5.8	-	-
U4U5-9-SS-30-30-11-2016	0	20.6	26.4	30.3	16.1	6.6	-	-
U4U5-67-SS-30-07-12-2016	0	35.5	14.2	20.7	18.9	10.7	-	-
U4U5-11-SS-10-09-11-2016	13.6	11.4	16.3	25.5	21.4	11.8	-	-
U4U5-67-SS-20-07-12-2016	0	15.2	17.9	26.7	26.3	13.9	-	-
U4U5-69-SS-5-09-11-2016	0	13.4	18.8	29.7	25	13.1	-	-
U4U5-66-SS-70-20-10-2016	0	0	0.1	0.8	36.9	62.2	-	-
U4U5-67-SS-15-07-12-2016	0	22.7	17.9	26.3	22	11.1	-	-
U4U5-72-SS-20-14-11-2016	6	1.3	2.3	26.8	41	22.6	-	-
U4U5-71-SS-10-10-11-2016	25.2	16.5	15.3	19.2	16.9	6.9	-	-
U4U5-73-SS-20-06-12-2016	7.6	9.5	2	13	20.1	47.8	-	-
U4U5-6-SS-20-19-10-2016	0	25	18	23.1	22.6	11.3	-	-
U4U5-72-SS-5-11-11-2016	0	10.5	16.5	29.4	29.8	13.8	-	-
U4U5-72-SS-15-14-11-2016	7.5	20.3	17.3	24.9	24.4	5.6	-	-
U4U5-6-SS-15-19-10-2016	0	17.8	15.6	24.7	24.3	17.6	-	-
U4U5-8-SS-20-28-11-2016	0	25.9	20	25.3	19.7	9.1	-	-
U4U5-10-SS-30-29-11-2016	0	15.7	22.9	28	21	12.4	-	-
U4U5-6-SS-32-19-10-2016	0	9.9	2.3	7.2	31.8	48.8	-	-
U4U5-6-SS-30-19-10-2016	0	25.7	18.9	24.9	17.9	12.6	-	-
U4U5-10-SS-15-28-11-2016	0	13.2	17.9	27.3	25.6	16	-	-
U4U5-9-SS-10-18-10-2016	0	10.9	18.1	31	26.6	13.4	-	-

Second Mobilization	% Gravel		% Sand			% Fines		
	Coarse	Fine	Coarse	Medium	Fine	Silt and Clay	Silt	Clay
U4U5-6-SS-10-17-10-2016	13.5	19.7	15.6	22.8	19.3	9.1	-	-
U4U5-6-SS-5-17-10-2016	0	22.3	20.9	28.3	21.1	7.4	-	-
Third Mobilization	% Gravel		% Sand			% Fines		
	Coarse	Fine	Coarse	Medium	Fine	Silt and Clay	Silt	Clay
M-252 48.0-50.0	0	13	1	5	14	67	35	32
M-252 58.0-60.0	0	0	4	14	27	55	34	21
M-252 68.0-70.0	0	0	4	10	38	48	40	8
M-252 78.0-80.0	0	0	0	0	8	92	61	31
M-252 98.0-100.0	0	0	0	1	9	90	29	61
M-252 108.0-110.0	0	2	4	12	23	59	33	26
M-252 130.0-132.0	0	0	0	0	8	92	54	38
M-252 140.0-142.0	0	0	0	0	5	95	51	44

Analyte	Units	248											249	250										251
		48-50	58-60	68-70	78-80	88-90	98-100	108-110	118-120	128-130	138-140	148-150	108-110	48-50	58-60	68-70	78-80	88-90	98-100	109-111	118-120	128-130	138-140	148-150	88-90
Moisture Equivalent	%	64	50	62	37	72	76	57	46	66	52	57	45	54	49	50	50	78	50	50	44	58	68	52	24
Total Organic Carbon	mg/kg	79.4	41.4	47.5	60.4	74.2	55.3	78.2	49.3	84.6	78.6	57.2	23.6	114	69.9	106	99.1	69.4	31.9	27.5	18.7	41.6	42.5	46.8	17.3
Fraction Organic Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	pH Units	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moisture Content	%	56.9	45.7	49.3	33.7	53.9	83.0	54.0	42.2	65.9	37.7	52.7	55.3	38.6	45.5	40.1	47.0	48.7	32.4	42.9	39.2	59.8	69.4	43.1	30.1
Dry Density	pcf	79.2	82.5	76.7	84.4	78.7	56.4	68.6	74.9	68.1	85.9	71.4	40.2	82.6	79.6	87.3	74.2	78.0	95.1	79.9	90.1	69.3	60.3	81.3	62.4
Specific Gravity	-	2.619	2.629	2.647	2.644	2.627	2.693	2.682	2.631	2.628	2.698	2.652	2.601	2.665	2.637	2.661	2.676	2.630	2.677	2.602	2.663	2.663	2.635	2.609	2.649
Effective Porosity	%	16.5	20.7	19.2	25.1	17.5	6.3	17.2	22.0	13.0	23.1	17.8	17.2	23.0	20.7	22.5	19.8	19.5	25.3	21.9	22.8	15.1	11.6	21.8	26.4
Total Porosity	-	51.5	49.6	53.5	48.7	51.9	66.4	59.0	54.3	58.4	48.9	56.8	75.2	50.3	51.6	47.3	55.5	52.4	43.0	50.7	45.7	58.2	63.3	50.0	62.2

Analyte	252								254										255						
	48-50	58-60	68-70	78-80	98-100	108-110	130-132	140-142	48-50	58-60	68-70	78-80	88-90	98-100	110-112	130-132	138-140	148-150	48-50	58-60	68-70	78-80	88-90	98-100	108-110
Moisture Equivalent	24	36	21	37	34	31	40	49	51	34	52	40	17	59	65	59	53	48	64	40	25	49	59	65	62
Total Organic Carbon	36.9	105	50.5	13.9	ND	4.28	ND	13.0	63.0	60.8	55.1	60.3	33.9	29.9	84.8	46.4	92.8	55.4	20.3	66.1	11.1	73.6	24.2	33.6	40.3
Fraction Organic Carbon	20.7	13.1	16.7	18.1	16.9	15.5	16.5	19.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	9.1	8.68	8.93	7.48	7.74	7.81	8.48	8.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moisture Content	43.2	38.8	20.7	47.0	80.4	35.8	75.2	83.1	44.4	-	45.5	34.3	34.0	45.5	72.9	55.8	44.5	45.2	50.9	44.4	28.3	48.9	42.2	70.4	62.9
Dry Density	76.5	83.2	99.7	73.7	60.3	85.3	59.8	55.0	75.4	-	96.8	90.3	92.1	63.8	57.5	75.1	74.8	82.4	76.4	88.5	95.1	78.6	81.7	58.3	66.9
Specific Gravity	2.686	2.659	2.683	2.665	2.663	2.686	2.658	2.648	2.653	2.684	2.600	2.631	2.638	2.625	2.677	2.644	2.666	2.658	2.632	2.659	2.640	2.678	2.677	2.625	2.726
Effective Porosity	21.1	23.0	29.5	19.9	7.4	23.9	9.3	6.4	21.0	-	21.0	25.0	25.0	20.8	10.1	16.7	20.8	20.6	18.7	20.9	27.2	19.1	21.6	11.3	13.6
Total Porosity	54.3	49.8	40.3	55.6	63.6	49.0	63.9	66.6	54.4	-	40.2	44.9	44.0	61.0	65.5	54.4	55.0	50.3	53.4	46.6	42.2	52.9	51.0	64.3	60.6

Analyte	256		257									258									259	
	78-80	98-100	48-50	58-60	68-70	88-90	108-110	119-121	128-130	138-140	148-150	48-50	58-60	68-70	78-80	98-110	118-120	128-130	138-140	148-150	88-90	108-110
Moisture Equivalent	57	70	51	50	42	56	68	50	51	78	67	64	57	57	34	53	29	45	46	44	91	42
Total Organic Carbon	16.6	12.6	108	108	82.8	28.1	18.5	42.9	66.8	40.9	63.8	1.04	117	24.1	ND	18.0	28.8	ND	43.1	ND	21.6	20.5
Fraction Organic Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moisture Content	49.2	66.5	42.4	44.8	43.4	49.0	60.0	49.4	44.8	92.6	72.0	63.4	61.1	51.1	32.9	47.3	46.6	44.1	44.4	31.4	79.4	61.4
Dry Density	82.5	61.8	82.4	73.9	79.9	70.9	51.5	70.1	69.7	47.7	41.0	60.5	74.5	71.7	88.7	76.9	74.7	98.0	71.3	95.6	58.5	68.7
Specific Gravity	2.614	2.654	2.678	2.663	2.622	2.672	2.639	2.654	2.671	2.640	2.699	2.663	2.675	2.606	2.657	2.611	2.627	2.675	2.725	2.645	2.620	2.649
Effective Porosity	19.4	12.6	21.5	20.7	21.6	19.1	15.2	19.1	20.7	2.8	10.4	13.7	14.5	18.8	25.3	20.2	20.3	20.9	20.4	25.9	7.9	14.6
Total Porosity	49.3	62.6	50.6	55.4	51.1	57.4	68.7	57.6	58.1	71.0	75.6	63.5	55.3	55.8	46.4	52.7	54.3	41.2	58.0	42.0	64.2	58.4

Appendix J
Aquifer Testing AQTESOLV Graphical Outputs

Table 1
Slug Testing Results Summary
NERT Unit 4 and 5
Henderson, Nevada

Well Identification	Screen Interval (feet bgs)	Test Date	Test Identification (Type)	Transmissivity ($feet^2$/day)	Transmissivity Average ($feet^2$/day)	Hydraulic Conductivity (feet/day)	Hydraulic Conductivity Average (feet/day)	Thickness* (feet)	USCS Description (Screen Interval)
M-251-60	52.5 - 62.5	11/21/2017	M-251-60_SLUG IN	3.69E-01	3.71E-01	2.95E-02	2.97E-02	12.5	SM, ML, CL
		11/21/2017	M-251-60_SLUG OUT	3.74E-01		2.99E-02		12.5	
M-251-100	92.5 - 102.5	11/22/2017	M-251-100_SLUG IN	7.68E-01	7.79E-01	6.07E-02	6.16E-02	12.7	ML, CL
		11/22/2017	M-251-100_SLUG OUT	7.90E-01		6.24E-02		12.7	
M-252	132.5 - 142.5	11/27/2017	M-252_SLUG IN	3.86E-02	3.96E-02	3.86E-02	3.96E-02	12.5	ML, CL
		11/28/2017	M-252_SLUG OUT	4.06E-02		4.06E-02		12.5	
M-253-60	60 - 70	11/20/2017	M-253-60_SLUG IN	7.35E+00	7.42E+00	5.65E-01	5.71E-01	13.0	SP, SM, SC
		11/20/2017	M-253-60_SLUG OUT	7.49E+00		5.76E-01		13.0	
M-253-100	100 - 110	11/22/2017	M-253-100_SLUG IN	8.19E-02	7.71E-02	6.07E-03	5.71E-03	13.5	ML, CL
		11/22/2017	M-253-100_SLUG OUT	7.22E-02		5.35E-03		13.5	
M-254	138.5 - 148.5	11/27/2017	M-254_SLUG IN	3.36E-01	2.83E-01	2.25E-02	1.90E-02	14.9	CL, ML
		11/27/2017	M-254_SLUG OUT	2.29E-01		1.54E-02		14.9	
M-255-60	60.5 - 70.5	11/28/2017	M-255-60_SLUG IN	6.44E+00	6.88E+00	5.15E-01	5.50E-01	12.5	SC, SM
		11/28/2017	M-255-60_SLUG OUT	7.33E+00		5.86E-01		12.5	
M-255-100	100 - 110	11/29/2017	M-255-100_SLUG IN	3.62E-01	2.95E-01	2.83E-02	2.30E-02	12.8	ML, CL
		11/29/2017	M-255-100_SLUG OUT	2.27E-01		1.78E-02		12.8	
M-256-60	60 - 70	11/21/2017	M-256-60_SLUG IN	8.29E-01	8.17E-01	6.63E-02	6.54E-02	12.5	SM, SC
		11/21/2017	M-256-60_SLUG OUT	8.05E-01		6.44E-02		12.5	
M-256-100	100-110	11/29/2017	M-256-100_SLUG IN	5.36E-01	4.21E-01	4.28E-02	3.37E-02	12.5	ML, CL
		11/29/2017	M-256-100_SLUG OUT	3.06E-01		2.45E-02		12.5	

Notes:

SP = poorly graded sand

SM = silty sand

SC = clayey sand

ML = silt

CL = clay

bgs = below ground surface

* = thickness is screen interval plus filter pack above or below screen

Table 2
Specific Capacity Test Results Summary
NERT Unit 4 and 5
Henderson, California

Well/Test Identification	**Screen Interval (feet bgs)**	**Date**	**Transmissivity** ($feet^2$/day)	**Hydraulic Conductivity** (feet/day)	**Thickness*** (feet)	**USCS Description** (Screen Interval)	**Notes** (e.g., pumping rate)
M-251-60	52.5 - 62.5	12/6/2017	3.01E-01	2.4E-02	12.5	SM, ML, CL	Q = 0.12 gpm during testing
M-251-100	92.5 - 102.5	12/13/2017	1.02E+00	8.1E-02	12.5	ML, CL	Q = 0.06 gpm to 0.08 gpm
M-252	132.5 - 142.5	12/12/2017	1.12E-01	9.0E-03	12.5	ML, CL	Q = 0.10 gpm to 0.08

gpm = gallons per minute

SM = silty sand

ML = silt

CL = clay

Q = flow rate

bgs = below ground surface

* = thickness is screen interval plus filter pack above or below screen

Attachment A

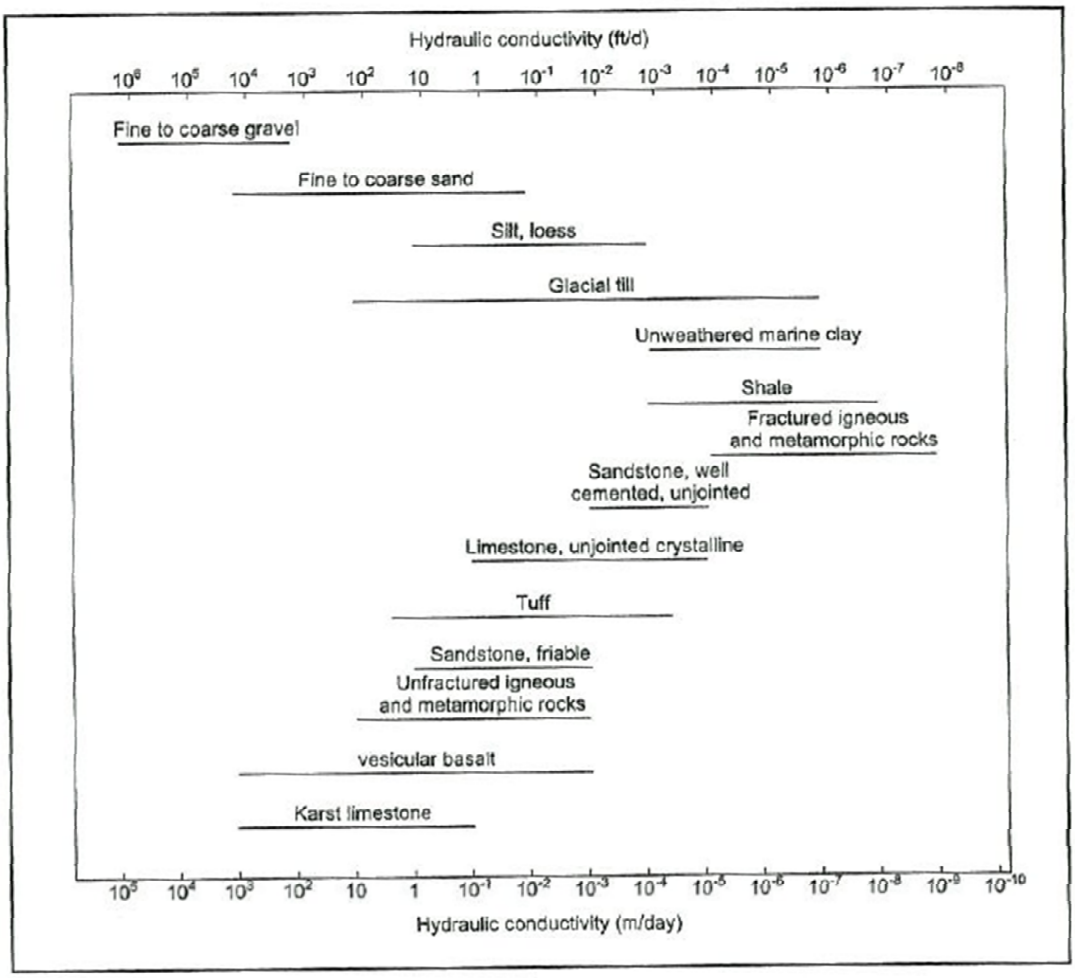
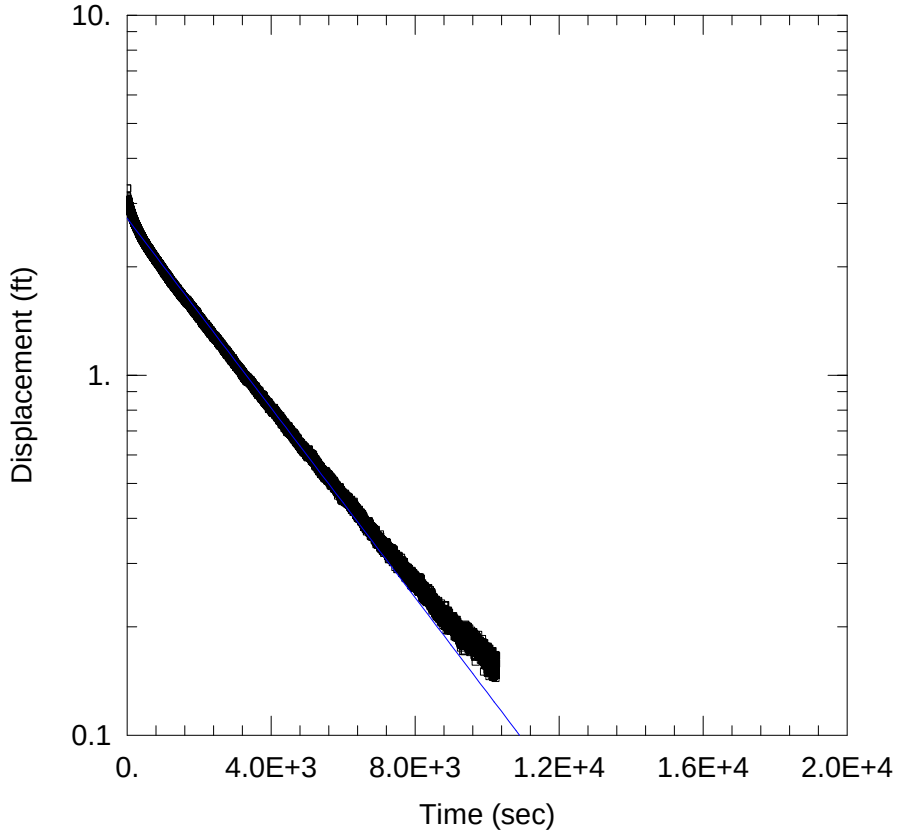


Figure 2.11. Typical *K* values for consolidated and unconsolidated aquifers (modified from Freeze & Cherry 1979).

2007. Sterrett, R. J. Groundwater and Wells, Third Edition. Johnson Screens, New Brighton, MN

Attachment B

Slug Test AQTESOLV Analysis Output



M-251-60_SLUG_IN

Data Set: P:\...\M-251-60-Slug_In.aqt
Date: 01/10/18 Time: 10:17:58

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-251-60
Test Date: 11/21/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

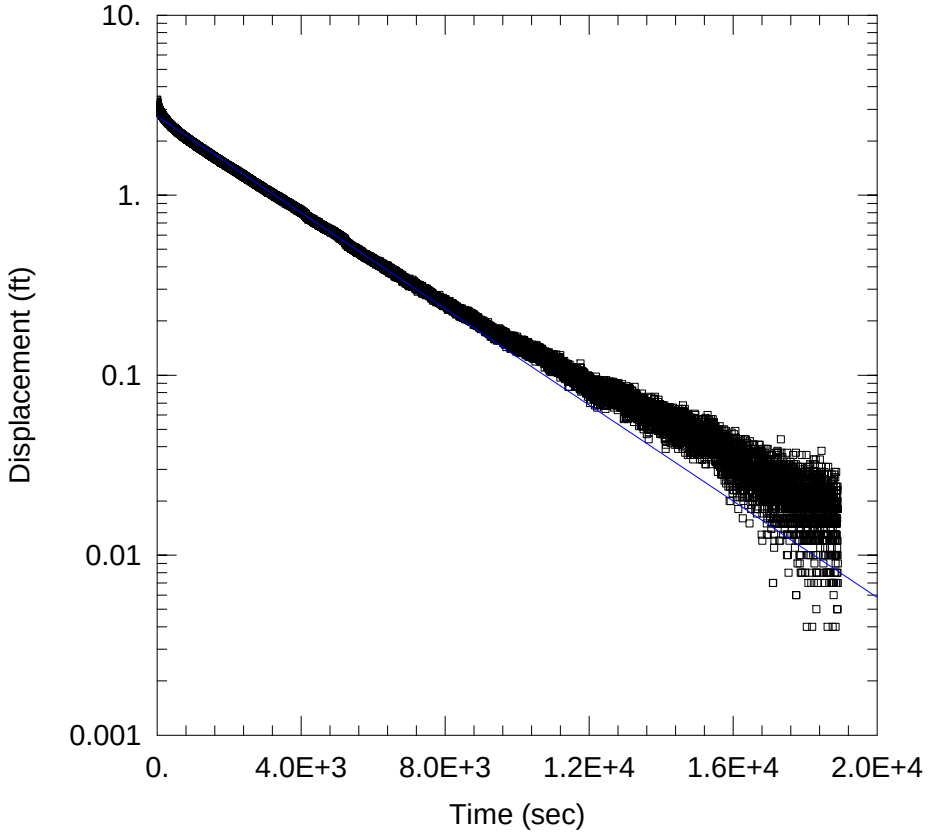
K = 0.02948 ft/day
y0 = 2.727 ft

AQUIFER DATA

Saturated Thickness: 12.51 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-251-60)

Initial Displacement: 3.302 ft
Total Well Penetration Depth: 12.37 ft
Casing Radius: 0.083 ft
Static Water Column Height: 29.66 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-251-60_SLUG_OUT

Data Set: P:\...\M-251-60-Slug_Out.aqt
Date: 01/10/18 Time: 10:23:13

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-251-60
Test Date: 11/21/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

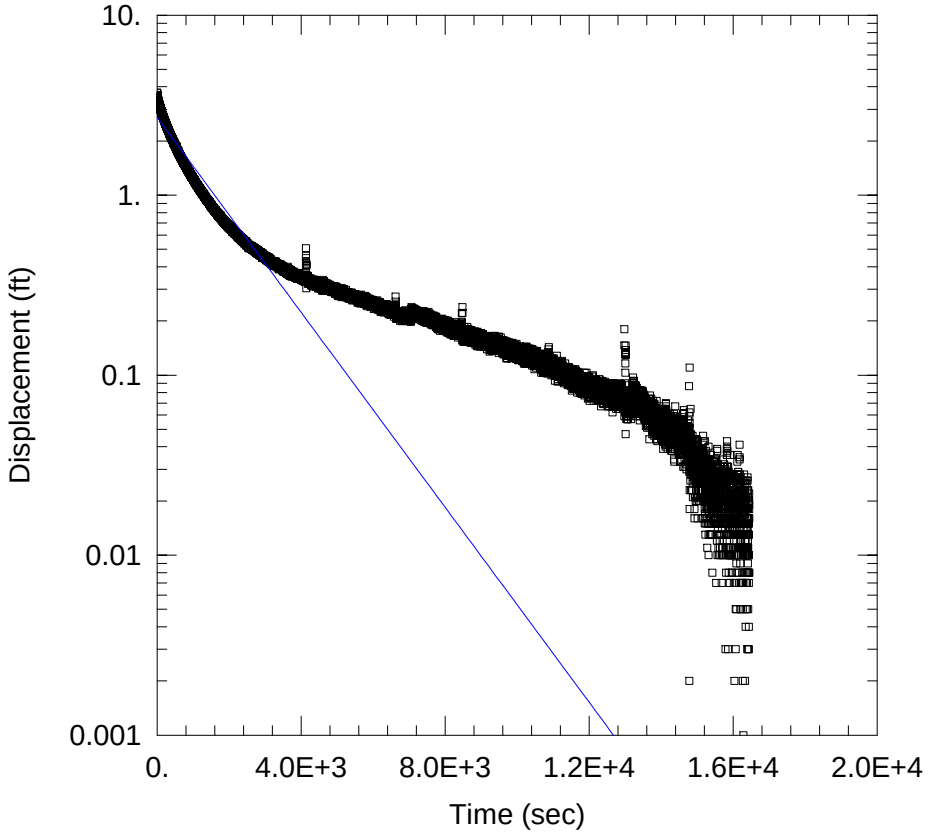
K = 0.0299 ft/day
y0 = 2.735 ft

AQUIFER DATA

Saturated Thickness: 12.51 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-251-60)

Initial Displacement: 3.388 ft
Total Well Penetration Depth: 12.37 ft
Casing Radius: 0.083 ft
Static Water Column Height: 29.66 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-251-100_SLUG_IN

Data Set: P:\...\M-251-100_Slug_In.aqt
Date: 01/10/18 Time: 10:10:03

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-251-100
Test Date: 11/22/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

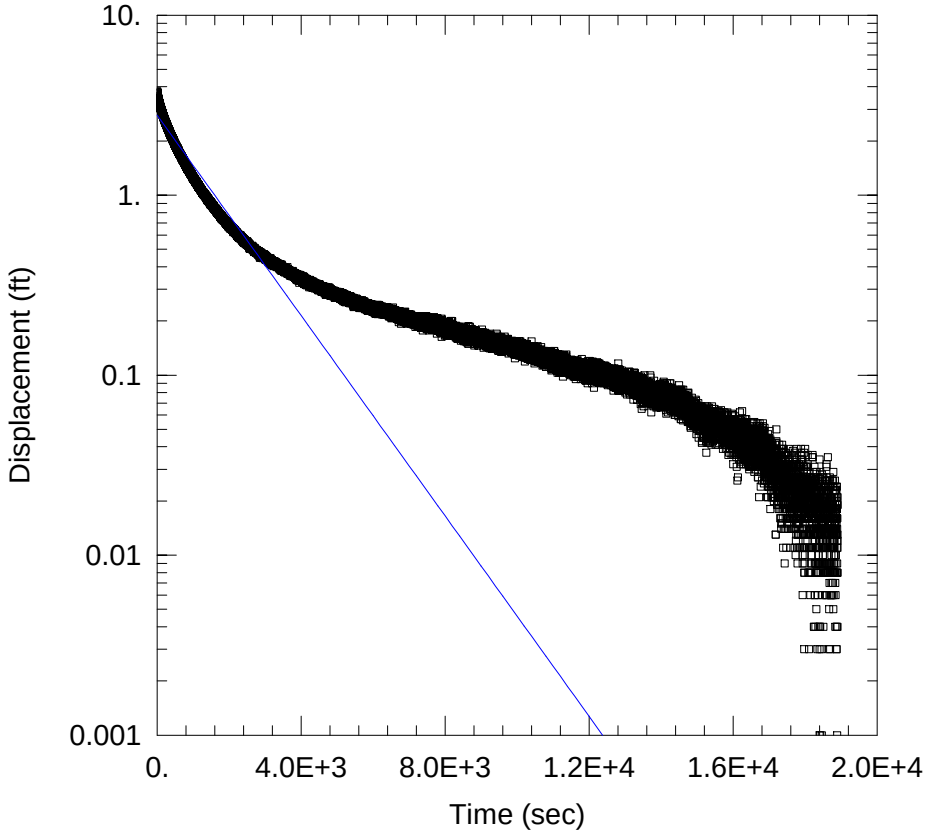
K = 0.06073 ft/day
y0 = 2.704 ft

AQUIFER DATA

Saturated Thickness: 12.65 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-251-100)

Initial Displacement: 3.713 ft
Total Well Penetration Depth: 12.51 ft
Casing Radius: 0.083 ft
Static Water Column Height: 68.06 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-251-100_SLUG_OUT

Data Set: P:\...\M-251-100_Slug_Out.aqt
Date: 01/10/18 Time: 10:10:34

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-251-100
Test Date: 11/22/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

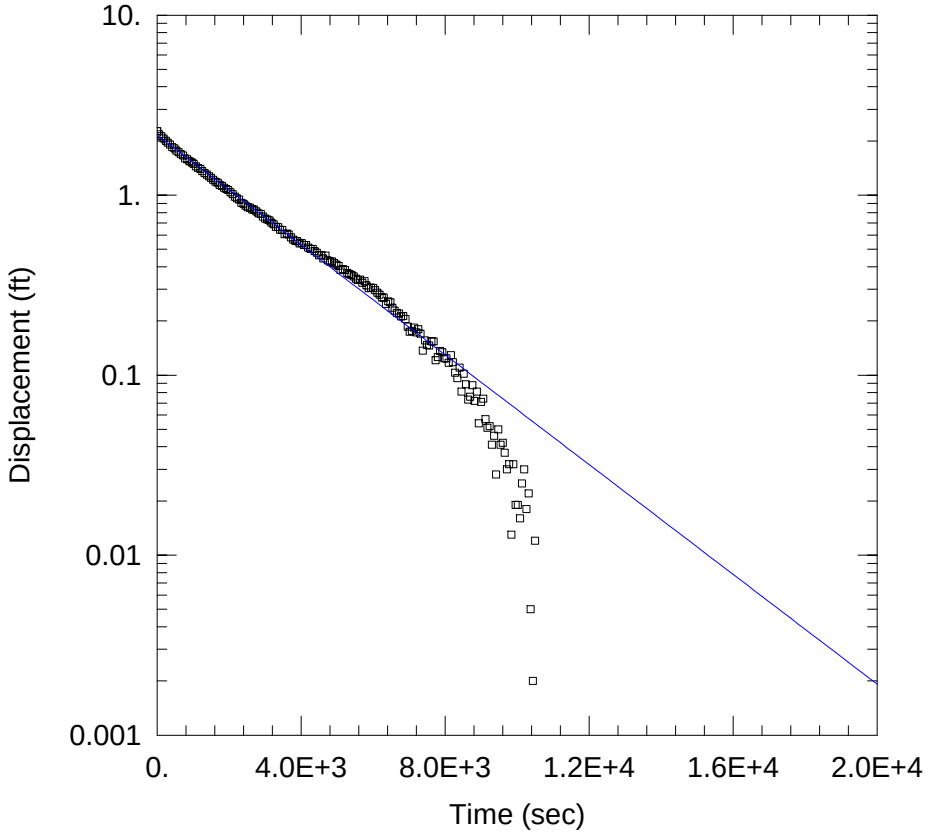
K = 0.06243 ft/day
y0 = 2.783 ft

AQUIFER DATA

Saturated Thickness: 12.65 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-251-100)

Initial Displacement: 3.763 ft
Total Well Penetration Depth: 12.51 ft
Casing Radius: 0.083 ft
Static Water Column Height: 68.06 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-252_SLUG_IN

Data Set: \...\M-252_Slug_In.aqt
Date: 01/18/18 Time: 16:21:08

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-252
Test Date: 11/27/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

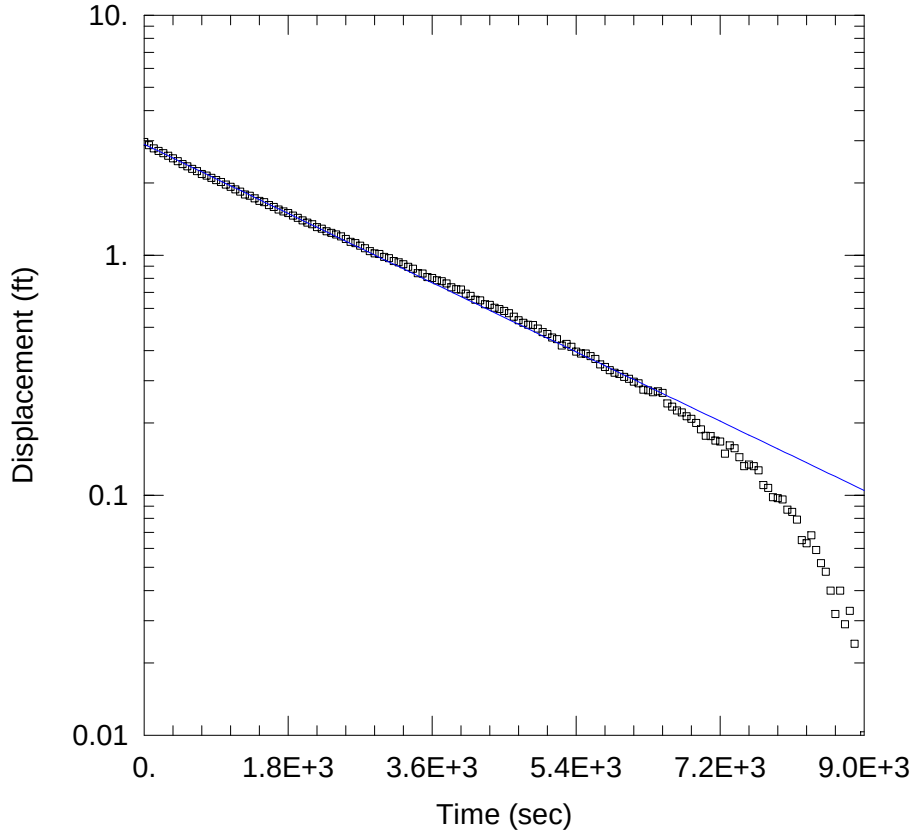
K = 0.03862 ft/day
y0 = 2.153 ft

AQUIFER DATA

Saturated Thickness: 12.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-252)

Initial Displacement: 2.264 ft
Total Well Penetration Depth: 12. ft
Casing Radius: 0.083 ft
Static Water Column Height: 111.4 ft
Screen Length: 10. ft
Well Radius: 0.25 ft



M-252_SLUG_OUT

Data Set: \...\M-252_Slug Out.aqt
Date: 01/18/18 Time: 16:19:10

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018_M02
Location: Tronox
Test Well: M-252
Test Date: 11/28/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

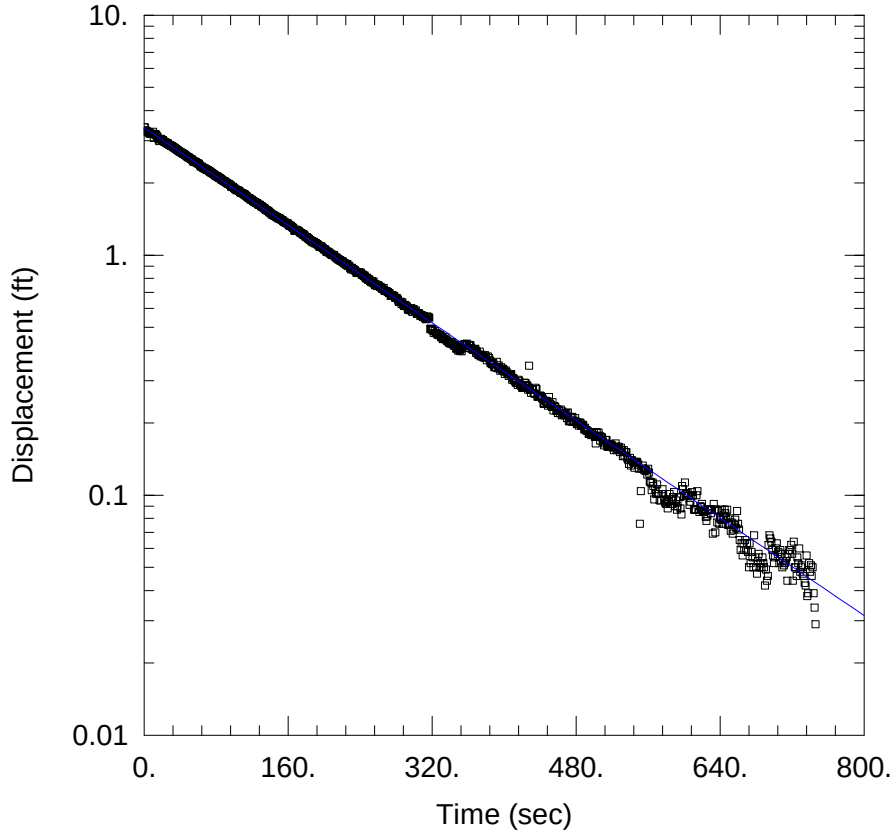
K = 0.04059 ft/day
y0 = 2.899 ft

AQUIFER DATA

Saturated Thickness: 12.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-252)

Initial Displacement: 2.964 ft
Total Well Penetration Depth: 12. ft
Casing Radius: 0.083 ft
Static Water Column Height: 29.28 ft
Screen Length: 10. ft
Well Radius: 0.25 ft



M-253-60_SLUG_IN

Data Set: P:\...\M-253-60_Slug_In.aqt
Date: 01/10/18 Time: 11:01:56

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-253-60
Test Date: 11/20/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

K = 0.5653 ft/day
y0 = 3.401 ft

AQUIFER DATA

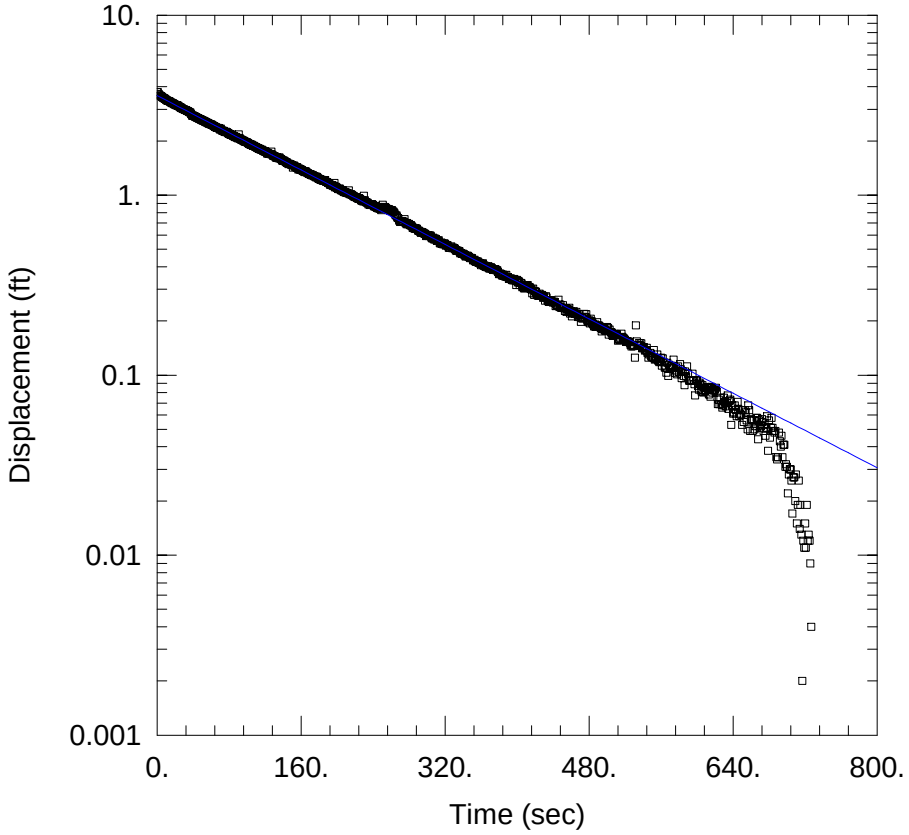
Saturated Thickness: 13. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-253-60)

Initial Displacement: 3.405 ft
Total Well Penetration Depth: 12.5 ft
Casing Radius: 0.083 ft

Static Water Column Height: 34.25 ft
Screen Length: 9.7 ft
Well Radius: 0.5 ft



M-253-60_SLUG_OUT

Data Set: P:\...\M-253-60_Slug_Out.aqt
Date: 01/10/18 Time: 11:03:59

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-253-60
Test Date: 11/20/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

K = 0.5763 ft/day
y0 = 3.575 ft

AQUIFER DATA

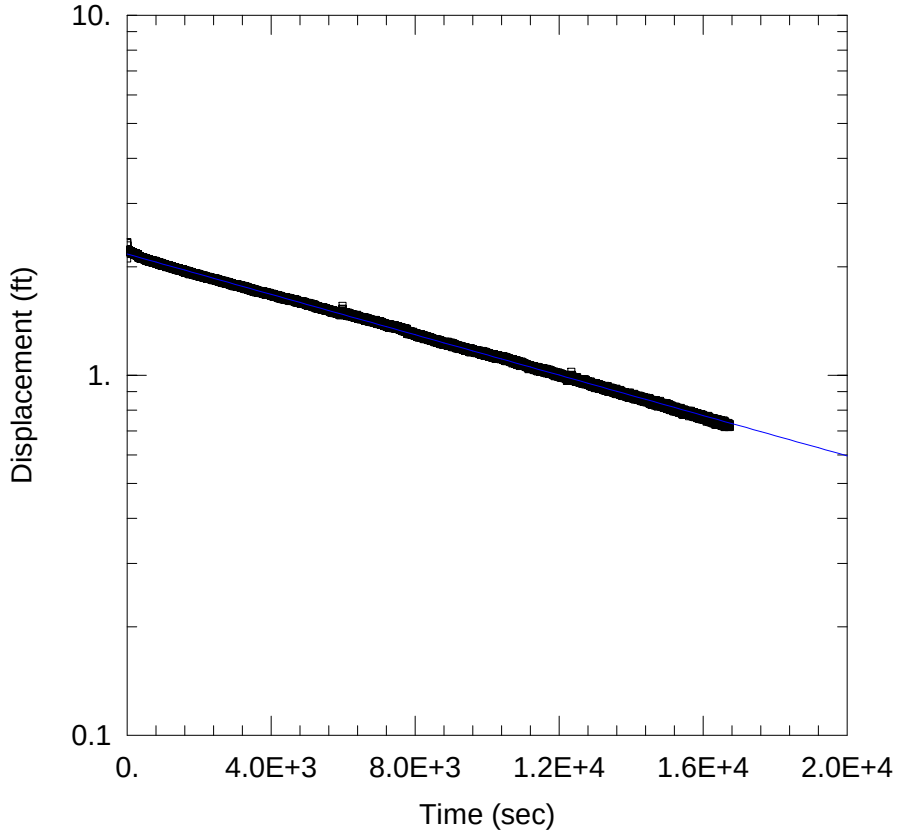
Saturated Thickness: 13. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-253-60_Slug Out)

Initial Displacement: 3.734 ft
Total Well Penetration Depth: 12.8 ft
Casing Radius: 0.083 ft

Static Water Column Height: 34.25 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-253-100_SLUG_IN

Data Set: \...\M-253-100_Slug_In.aqt
Date: 01/10/18 Time: 11:24:19

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-253-60
Test Date: 11/22/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

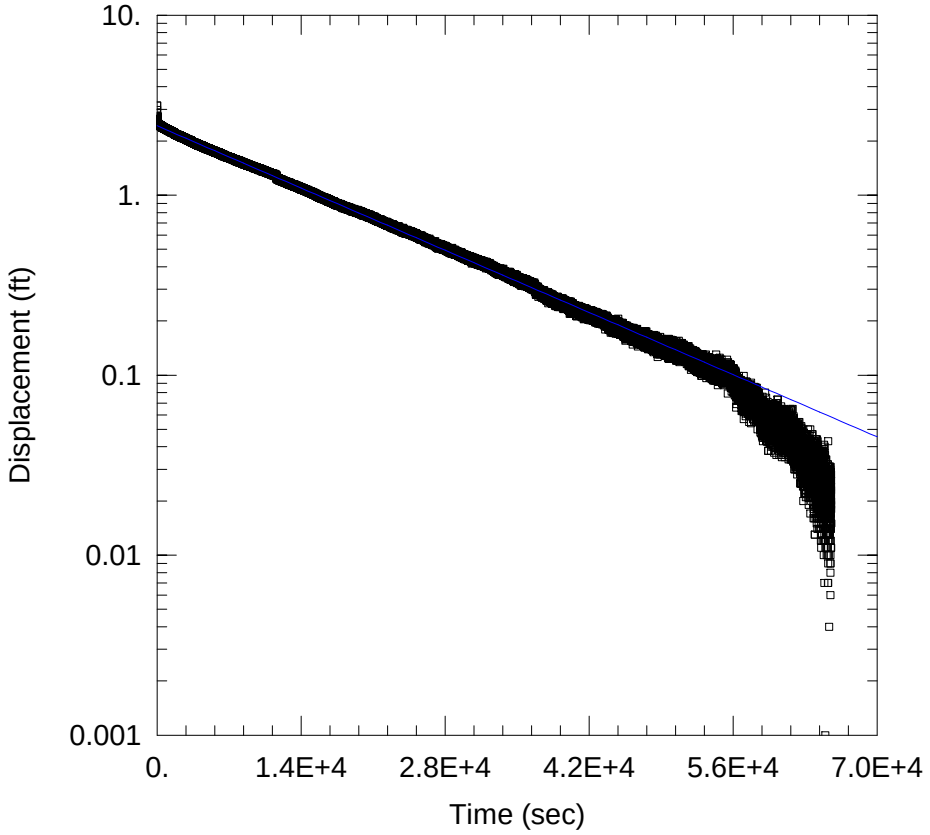
K = 0.00607 ft/day
y0 = 2.17 ft

AQUIFER DATA

Saturated Thickness: 13.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-253-100)

Initial Displacement: 2.342 ft
Total Well Penetration Depth: 12.9 ft
Casing Radius: 0.083 ft
Static Water Column Height: 74.75 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-253-100_SLUG_OUT

Data Set: \...\M-253-100_Slug_Out.aqt
Date: 01/10/18 Time: 11:26:39

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-253-100
Test Date: 11/22/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

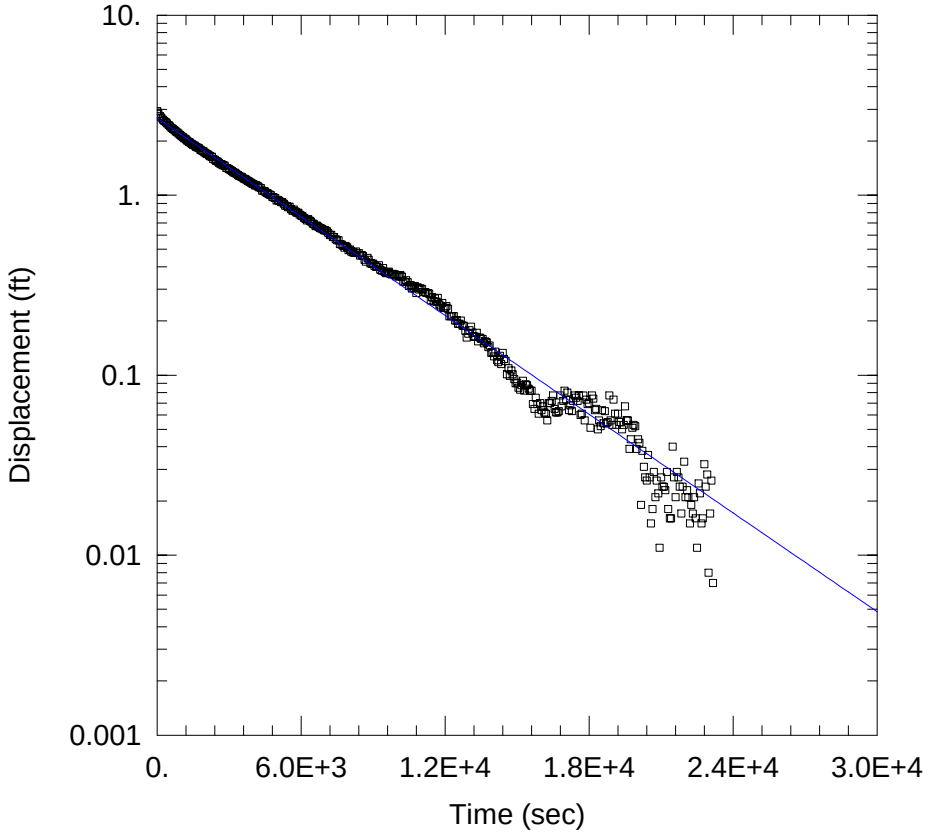
K = 0.005345 ft/day
y0 = 2.426 ft

AQUIFER DATA

Saturated Thickness: 13.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-253-100)

Initial Displacement: 3.141 ft
Total Well Penetration Depth: 12.9 ft
Casing Radius: 0.083 ft
Static Water Column Height: 74.75 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-254_SLUG_IN

Data Set: P:\...\M-254_Slug_In.aqt
Date: 01/18/18 Time: 16:29:52

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-254
Test Date: 11/27/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

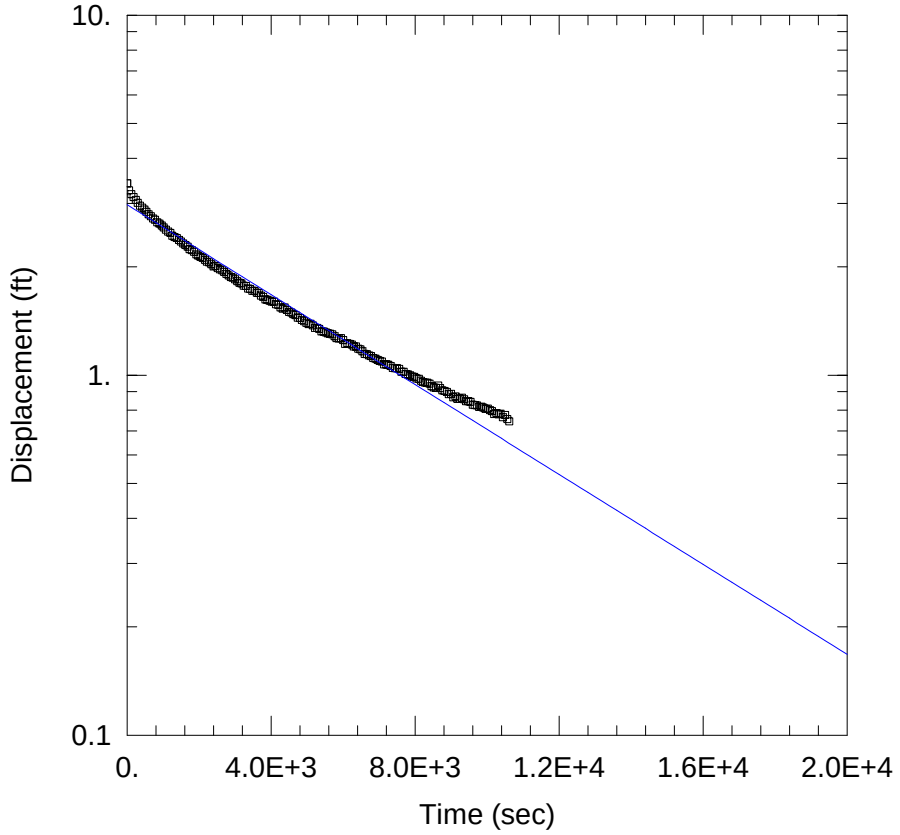
K = 0.02254 ft/day
y0 = 2.682 ft

AQUIFER DATA

Saturated Thickness: 14.9 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-254)

Initial Displacement: 2.919 ft
Total Well Penetration Depth: 12.7 ft
Casing Radius: 0.083 ft
Static Water Column Height: 119.9 ft
Screen Length: 10. ft
Well Radius: 0.25 ft



M-254_SLUG_OUT

Data Set: P:\...\M-254_Slug_Out.aqt
Date: 01/18/18 Time: 16:31:38

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-254
Test Date: 11/27/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

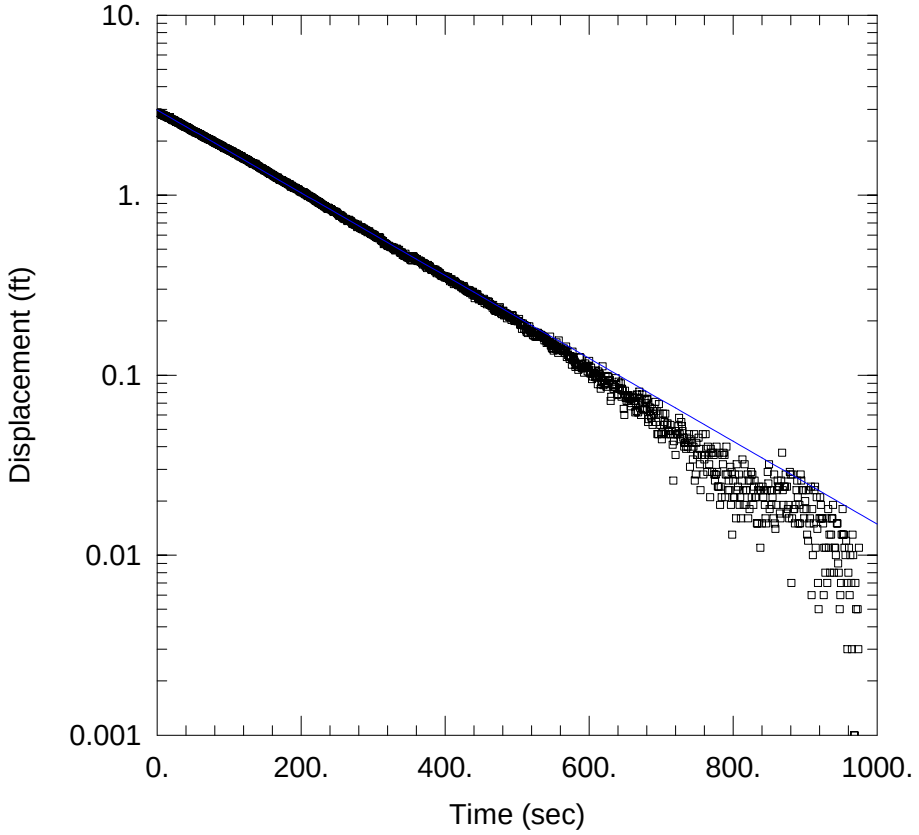
K = 0.0154 ft/day
y0 = 2.974 ft

AQUIFER DATA

Saturated Thickness: 14.9 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-254)

Initial Displacement: 3.411 ft
Total Well Penetration Depth: 12.7 ft
Casing Radius: 0.083 ft
Static Water Column Height: 119.9 ft
Screen Length: 10. ft
Well Radius: 0.25 ft



M-255-60_SLUG_IN

Data Set: P:\...\M-255-60_Slug_In.aqt
Date: 01/10/18 Time: 12:26:25

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-254
Test Date: 11/28/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

K = 0.5148 ft/day
y0 = 2.973 ft

AQUIFER DATA

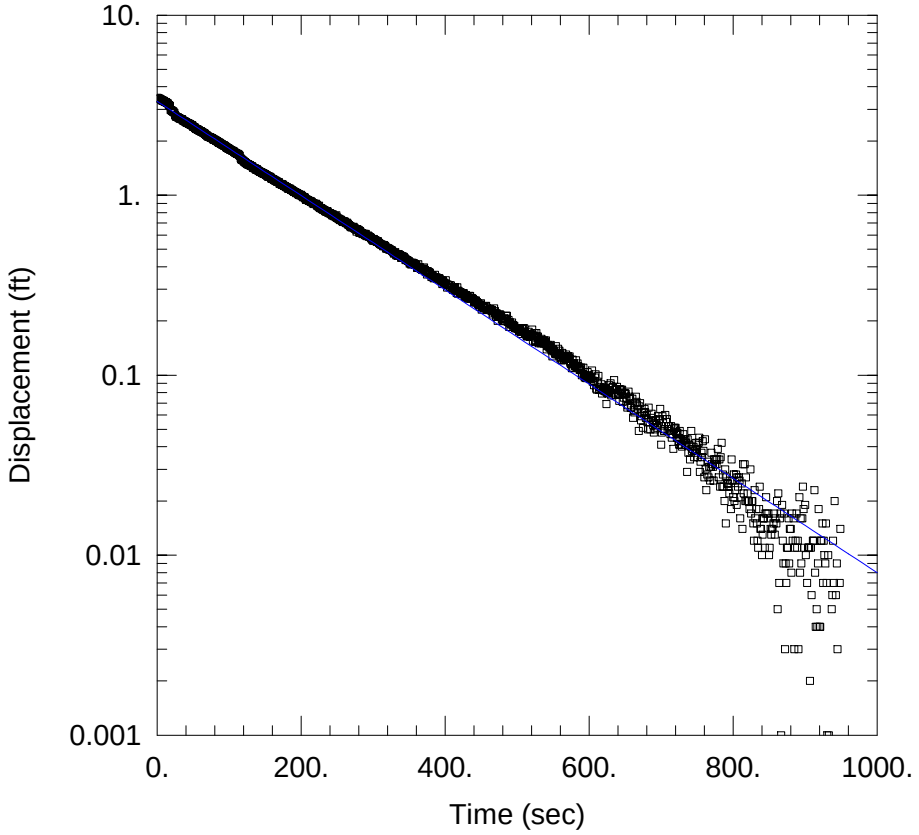
Saturated Thickness: 12.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-255-60)

Initial Displacement: 2.876 ft
Total Well Penetration Depth: 12.36 ft
Casing Radius: 0.083 ft

Static Water Column Height: 29.44 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-255-60_SLUG_OUT

Data Set: P:\...\M-255-60_Slug_Out.aqt
Date: 01/10/18 Time: 12:28:19

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-255-60
Test Date: 11/28/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

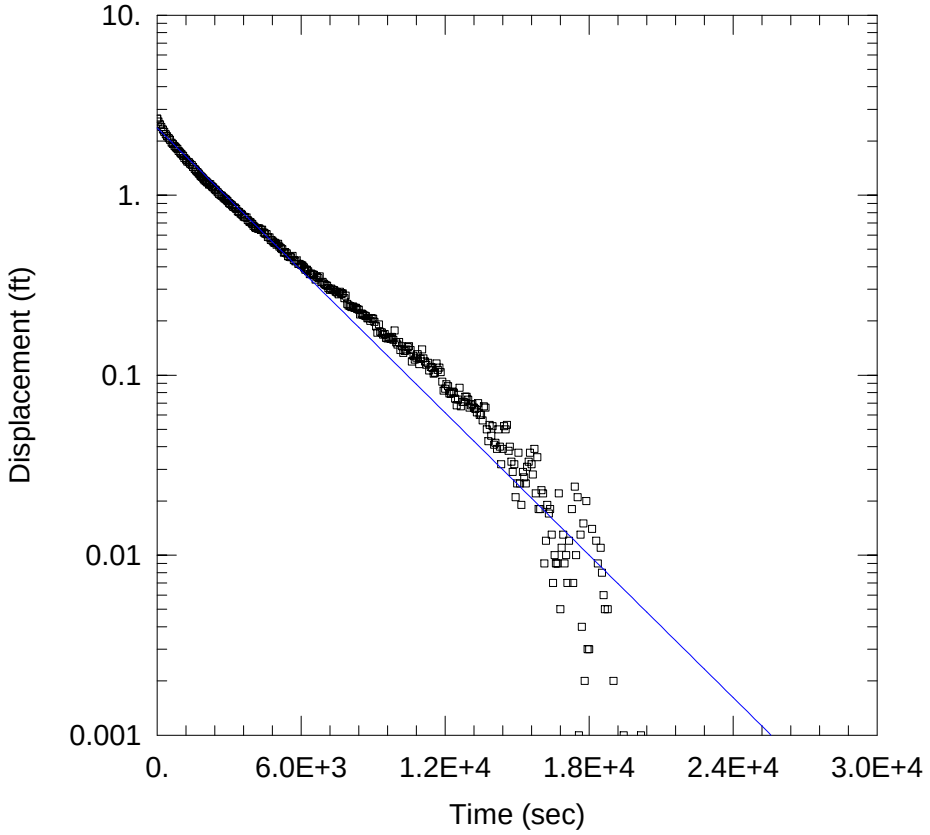
K = 0.5861 ft/day
y0 = 3.324 ft

AQUIFER DATA

Saturated Thickness: 12.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-255-60)

Initial Displacement: 3.476 ft
Total Well Penetration Depth: 12.36 ft
Casing Radius: 0.083 ft
Static Water Column Height: 29.44 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-255-100_SLUG_IN

Data Set: P:\...\M-255-100_Slug_In.aqt
Date: 01/10/18 Time: 12:38:36

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-255-100
Test Date: 11/29/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

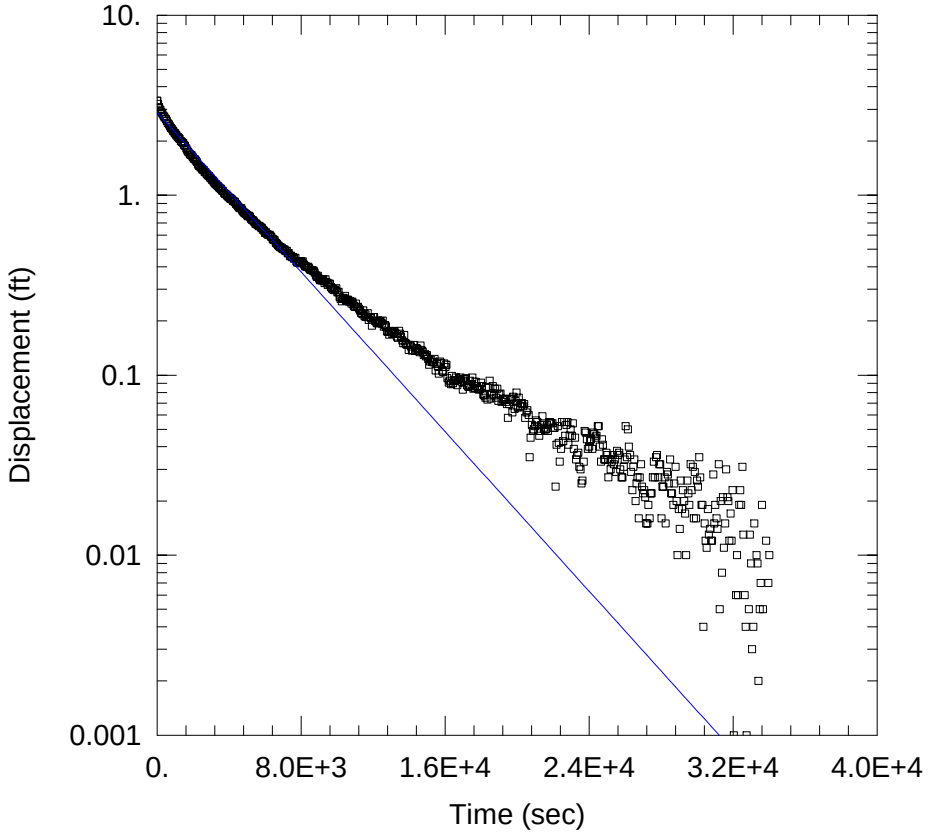
K = 0.02827 ft/day
y0 = 2.364 ft

AQUIFER DATA

Saturated Thickness: 12.8 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-255-100)

Initial Displacement: 2.655 ft
Total Well Penetration Depth: 12.2 ft
Casing Radius: 0.083 ft
Static Water Column Height: 68.65 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-255-100_SLUG_OUT

Data Set: P:\...\M-255-100_Slug_Out.aqt
Date: 01/10/18 Time: 12:38:26

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-255-100
Test Date: 11/29/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

K = 0.01777 ft/day
y0 = 2.882 ft

AQUIFER DATA

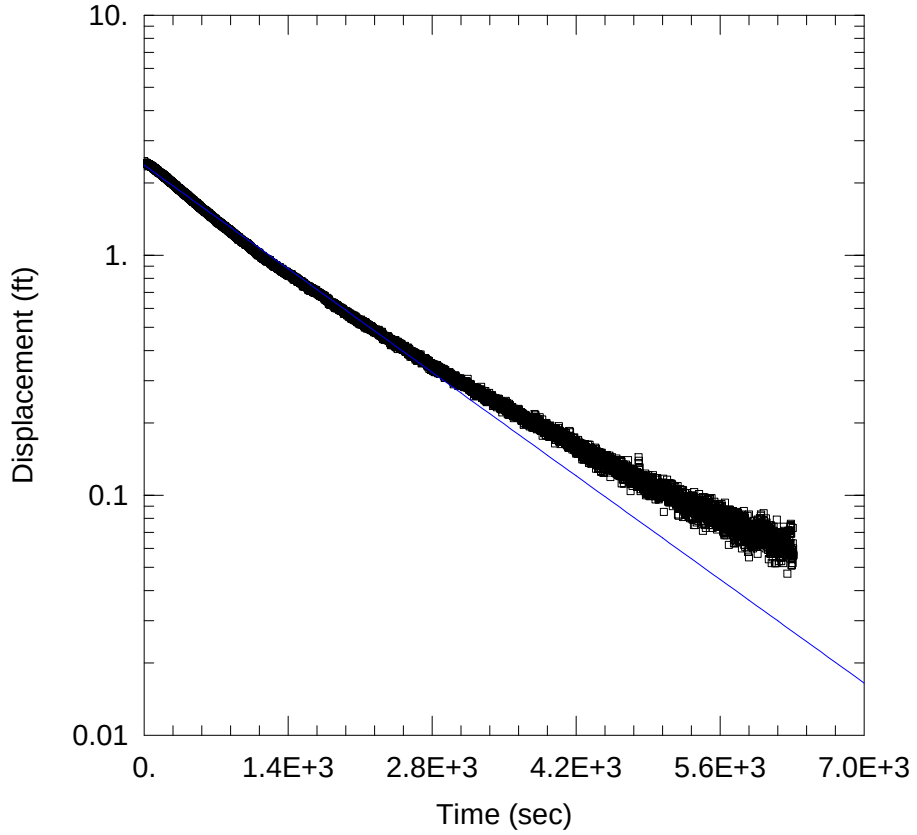
Saturated Thickness: 3.351 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-255-100)

Initial Displacement: 3.351 ft
Total Well Penetration Depth: 12.2 ft
Casing Radius: 0.083 ft

Static Water Column Height: 68.65 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-256-60_SLUG_IN

Data Set: P:\...\M-256-60_Slug_In.aqt
Date: 01/10/18 Time: 12:43:49

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018-M02
Location: Tronox
Test Well: M-256-60
Test Date: 11/21/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

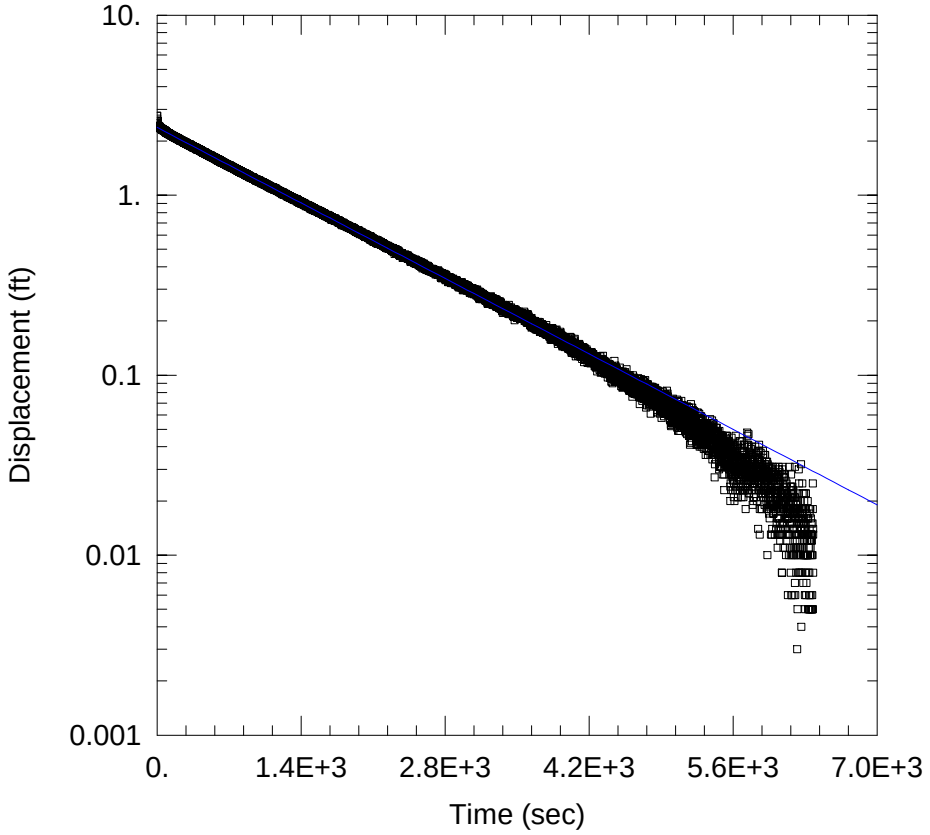
K = 0.0663 ft/day
y0 = 2.371 ft

AQUIFER DATA

Saturated Thickness: 12.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-256-60)

Initial Displacement: 2.459 ft
Total Well Penetration Depth: 12.02 ft
Casing Radius: 0.083 ft
Static Water Column Height: 30.51 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-256-60_SLUG_OUT

Data Set: P:\...\M-256-60_Slug_Out.aqt
Date: 01/10/18 Time: 12:53:18

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Project: 117-7502018_M02
Location: Tronox
Test Well: M-256-60
Test Date: 11/21/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

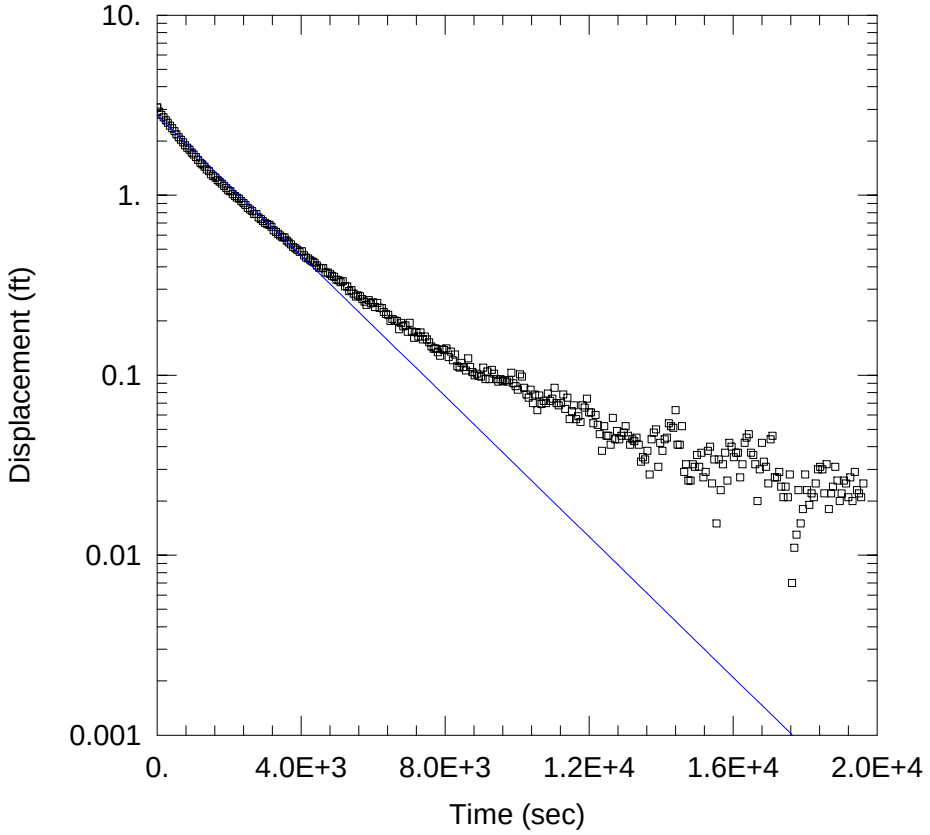
K = 0.06442 ft/day
y0 = 2.377 ft

AQUIFER DATA

Saturated Thickness: 12.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-256-60)

Initial Displacement: 2.759 ft
Total Well Penetration Depth: 12.02 ft
Casing Radius: 0.083 ft
Static Water Column Height: 30.51 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-256-100 SLUG IN

Data Set: P:\...\M-256-100_Slug_In.aqt
Date: 01/10/18 Time: 13:26:19

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Location: Tronox
Test Well: M-256-100
Test Date: 11/29/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

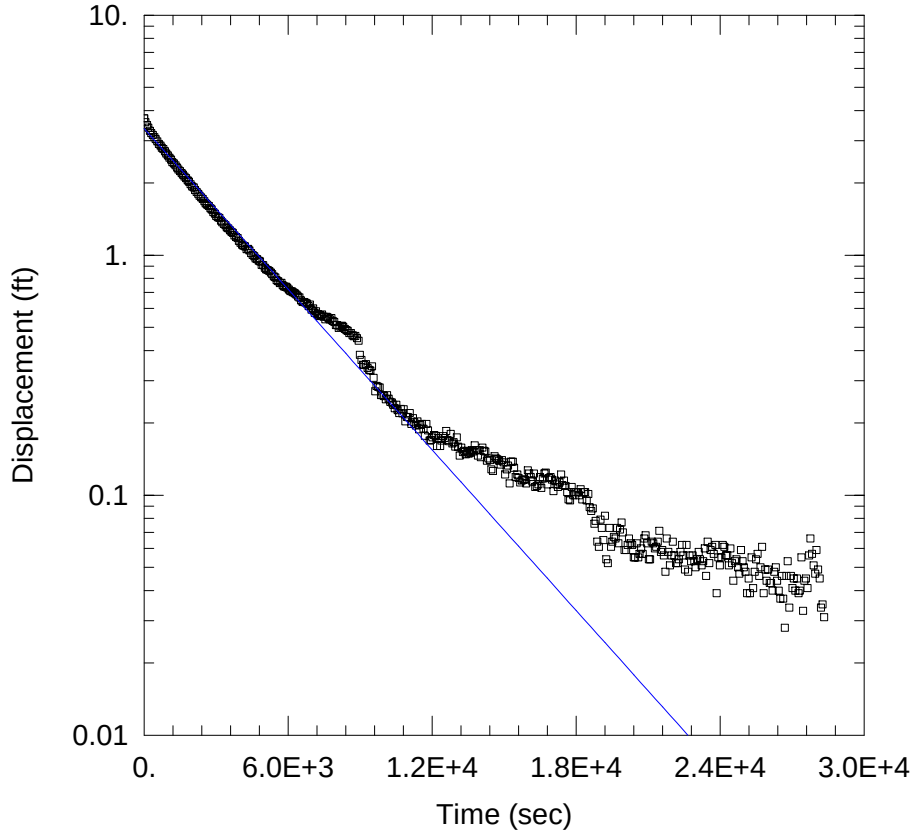
K = 0.04284 ft/day
y0 = 2.783 ft

AQUIFER DATA

Saturated Thickness: 12.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-256-100)

Initial Displacement: 3.067 ft
Total Well Penetration Depth: 12.24 ft
Casing Radius: 0.083 ft
Static Water Column Height: 68.69 ft
Screen Length: 10. ft
Well Radius: 0.5 ft



M-256-100 SLUG OUT

Data Set: P:\...\M-256-100_Slug_Out.aqt
Date: 01/10/18 Time: 13:26:48

PROJECT INFORMATION

Company: Tetra Tech
Client: NERT
Location: Tronox
Test Well: M-256-100
Test Date: 11/29/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Bouwer-Rice

K = 0.02449 ft/day
y0 = 3.372 ft

AQUIFER DATA

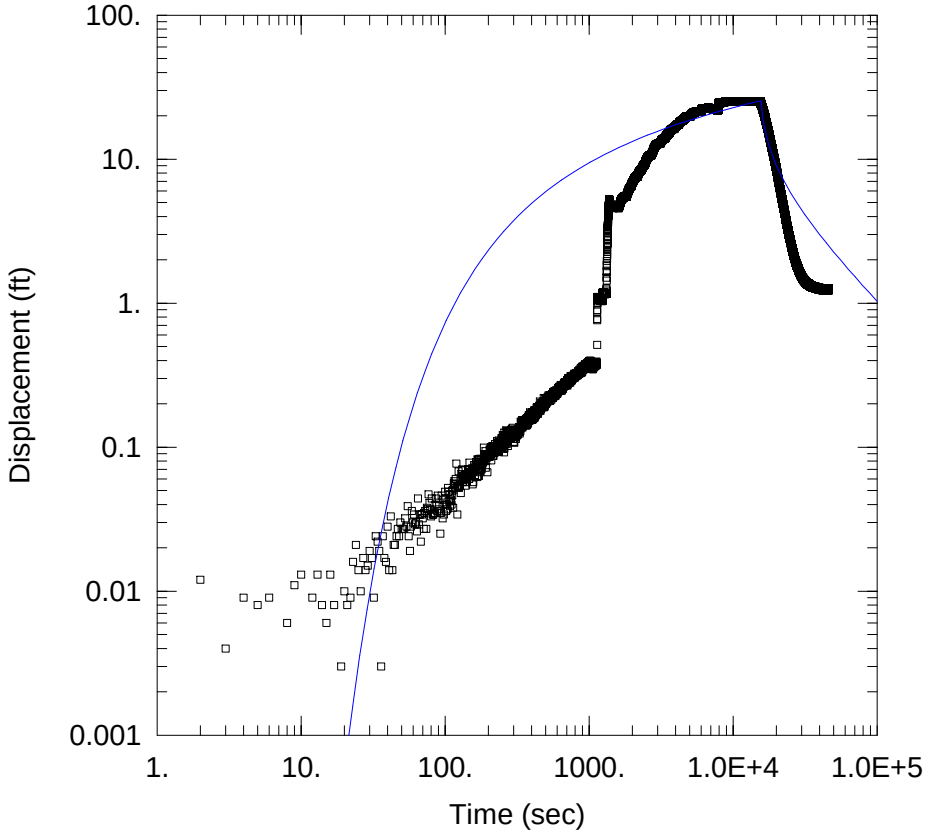
Saturated Thickness: 12.5 ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (M-256-100)

Initial Displacement: 3.715 ft
Total Well Penetration Depth: 12.24 ft
Casing Radius: 0.083 ft
Static Water Column Height: 68.69 ft
Screen Length: 10. ft
Well Radius: 0.5 ft

Attachment C

Specific Capacity Test AQTESOLV Analysis Output



WELL TEST ANALYSIS

Data Set: P:\...\M-251-60_1-19-2018.aqt
Date: 01/19/18 Time: 08:20:06

PROJECT INFORMATION

Company: Tetra Tech Inc.
Client: NERT
Location: Henderson, NV
Test Well: M-251-60
Test Date: 12/6/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 0.3005 ft^2/day
S = 0.01612
Kz/Kr = 0.1
b = 12.5 ft

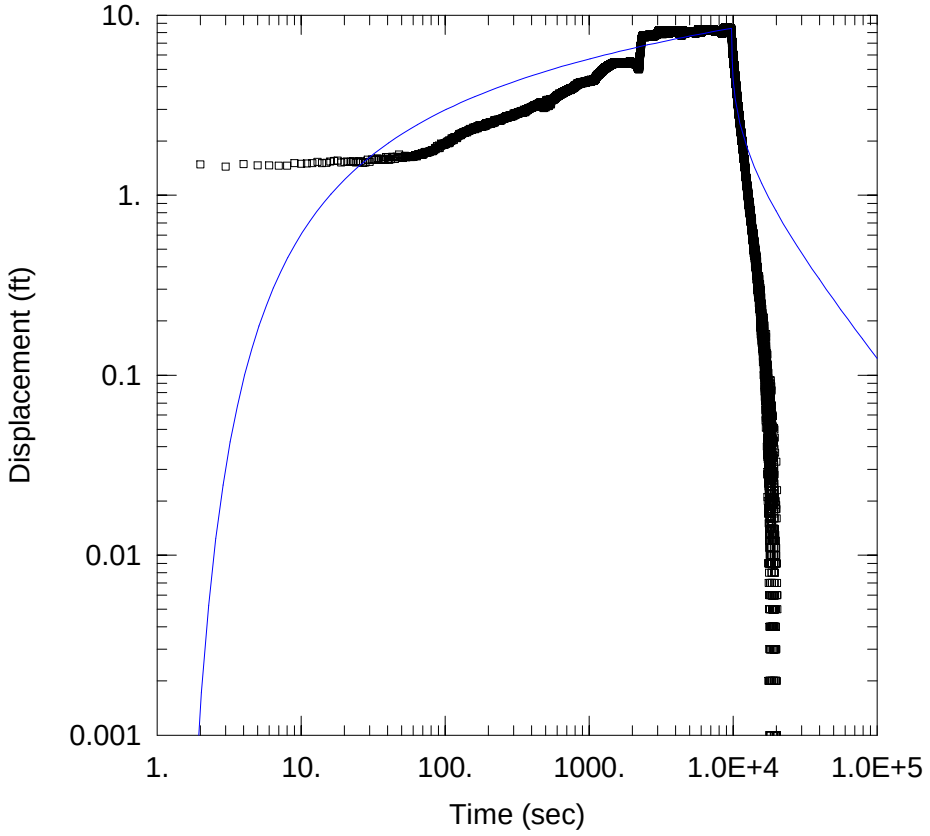
WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
M-251-60	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
▫ M-251-60	0	0



WELL TEST ANALYSIS

Data Set: P:\...\M-251-100_1-19-2018.aqt
Date: 01/19/18 Time: 08:40:15

PROJECT INFORMATION

Company: Tetra Tech Inc.
Client: NERT
Location: Henderson, NV
Test Well: M-251-100
Test Date: 12/13/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1.016 ft^2/day
S = 0.001975
Kz/Kr = 0.1
b = 12.5 ft

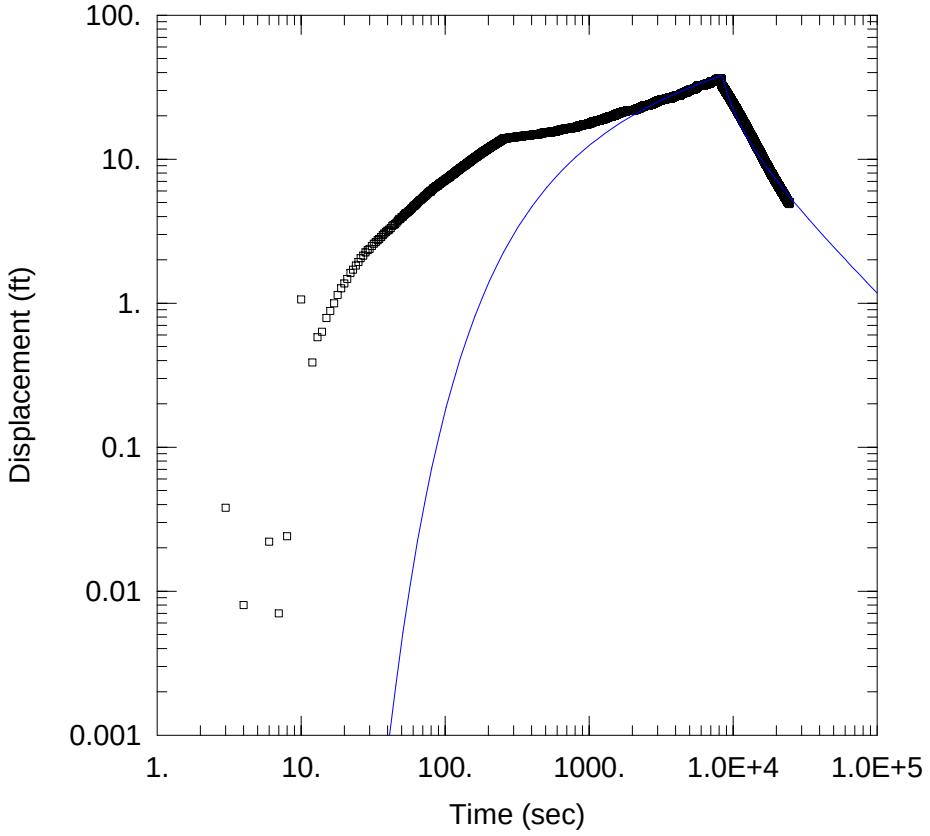
WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
M-251-100	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
▫ M-251-100	0	0



WELL TEST ANALYSIS

Data Set: P:\...\M-252_1-19-2018.aqt
Date: 01/19/18 Time: 08:54:30

PROJECT INFORMATION

Company: Tetra Tech Inc.
Client: NERT
Location: Henderson, NV
Test Well: M-252
Test Date: 12/13/2017

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 0.1123 ft^2/day
S = 0.01308
Kz/Kr = 0.1
b = 12.5 ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
M-252	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
▫ M-252	0	0