

Table 2-1
Groundwater Levels
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

Location ID	Water-Bearing Zone	Screened Interval (ft)	MP Elevation (ft NAVD88) ^(a)	Measurement Date	Measurement Time	Depth to Water (ft)	Water Level Elevation (ft NAVD88)
MW1	Deep	30-40	26.66	07/23/2019	12:35	3.09	23.57
				12/17/2019	9:33	1.82	24.84
				01/29/2020	8:25	0.31	26.35
				04/29/2020	8:09	0.74	25.92
MW2	Shallow	10-20	22.39	07/24/2019	12:20	5.32	17.07
				12/17/2019	10:11	2.52	19.87
				01/29/2020	8:55	4.35	18.04
				04/28/2020	9:19	4.48	17.91
MW3	Shallow	10-20	23.05	07/23/2019	10:02	6.29	16.76
				12/17/2019	9:44	6.01	17.04
				01/29/2020	12:43	5.00	18.05
				04/28/2020	15:23	5.65	17.40
MW4	Shallow	15-25	24.09	07/23/2019	12:23	3.11	20.98
				12/17/2019	9:15	1.94	22.15
				01/29/2020	8:36	1.55	22.54
				04/29/2020	8:25	0.75	23.34
MW5	Shallow	10-20	23.40	07/23/2019	12:55	5.72	17.68
				12/17/2019	10:01	5.50	17.90
				01/29/2020	12:52	4.71	18.69
				04/29/2020	10:45	4.79	18.61
MW6	Shallow	10-20	21.49	07/23/2019	10:50	5.19	16.30
				12/17/2019	7:38	5.41	16.08
				01/29/2020	9:15	4.99	16.50
				04/28/2020	13:09	5.15	16.34
MW7	Deep	26-31	21.35	07/23/2019	11:08	5.81	15.54
				12/17/2019	8:16	5.71	15.64
				01/29/2020	9:05	5.32	16.03
				04/28/2020	9:10	6.55	14.80
MW8	Shallow	10-20	20.88	07/23/2019	11:59	4.61	16.27
				12/18/2019	8:00	5.36	15.52
				01/29/2020	8:14	3.29	17.59
				04/28/2020	8:57	3.61	17.27
MW9	Deep	31-36	20.47	07/23/2019	11:36	5.91	14.56
				12/17/2019	8:37	6.13	14.34
				01/29/2020	8:08	5.32	15.15
				04/28/2020	8:45	5.18	15.29

Location ID	Water-Bearing Zone	Screened Interval (ft)	MP Elevation (ft NAVD88) ^(a)	Measurement Date	Measurement Time	Depth to Water (ft)	Water Level Elevation (ft NAVD88)
MW10	Shallow	10-20	20.32	07/23/2019	11:21	4.20	16.12
				12/18/2019	8:05	4.76	15.56
				01/29/2020	8:02	3.66	16.66
				04/28/2020	8:14	6.11	14.21
MW11	Shallow	10-20	22.30	07/23/2019	7:55	5.22	17.08
				12/17/2019	7:57	5.19	17.11
				01/29/2020	12:23	4.35	17.95
				04/28/2020	14:11	4.59	17.71

Notes:

ft = feet.

MP = measuring point.

NAVD88 = North American Vertical Datum of 1988.

^(a) Measuring point elevations were surveyed on September 5, 2014, as obtained from Kennedy Jenks' February 12, 2015 groundwater monitoring report. The vertical datum was obtained from the Department of Ecology's Environmental Information Management System database.

NOTES:
Shading (color key below) indicates values that exceed screening criteria; non-detects ("U") were also compared with screening criteria.

Air PCUL, AR-1 - Detected

Air PCUL, AR-1 - Not Detected

-- = not analyzed.

NA = not applicable.

PCUL = preliminary cleanup level.

U = result is not detected at or above method reporting limit.

ug/m³ = micrograms per cubic meter.

VOC = volatile organic compound.

^(a)Eight-hour indoor air sample collected with a 6-liter Summa canister outside normal working conditions.

^(b)Field duplicate sample.

^(c)Eight-hour outdoor air sample collected with a 6-liter Summa canister outside normal working conditions.

^(d)Twenty-four-hour indoor air sample collected with a 6-liter Summa canister outside normal working conditions.

^(e)Twenty-four-hour outdoor air sample collected with a 6-liter Summa canister outside normal working conditions.

^(f)Eight-hour indoor air sample collected with a 6-liter Summa canister during normal working conditions.

^(g)Eight-hour indoor air sample collected with a 6-liter Summa canister during normal working conditions and with air purification.

^(h)Twenty-four-hour indoor air, post-interim-action performance sample collected with a 6-liter Summa canister outside normal working conditions without air purification.

⁽ⁱ⁾Radiello® R130 passive diffusive indoor air sample collected from February 1 to February 13, 2020.

^(j)Radiello R130 passive diffusive indoor air sample collected from February 20 to March 12, 2020.

^(k)Radiello R130 passive diffusive indoor air sample collected from May 15 to June 5, 2020.

^(l)Radiello R130 passive diffusive indoor air sample collected from December 17, 2020, to January 7, 2021.

^(m)Total xylene is the sum of m,p-xylene and o-xylene.

REFERENCE:

⁽¹⁾Ecology. 2020. Lower Duwamish Waterway preliminary cleanup level workbook. Washington State Department of Ecology, Toxics Cleanup Program, Olympia, Washington. Revised May 20.

Table 3-1
Air Analytical Results
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

Location	Air PCUL AR-1 ⁽¹⁾	IA1	IA2	IA3	IA4		IA5	IA6	IA7	IA-SHOP	AMB-OUTDOOR	AA1	
Sample Name		IA1 ^(a)	IA2 ^(a)	IA3 ^(a)	IA4 ^(a)	IA8 ^(a,b)	IA5 ^(a)	IA6 ^(a)	IA7 ^(c)	IA-SHOP-020715 ^(d)	AMB-OUTDOOR-020715 ^(e)	AA1 ^(e)	
Collection Start Date		06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	02/07/15	02/07/15	02/01/20
Collection End Date		06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	02/07/15	02/07/15	02/02/20
VOCs (ug/m³)													
1,1,1,2-Tetrachloroethane	0.34	--	--	--	--	--	--	--	--	0.7 U	0.7 U	--	
1,1,1-Trichloroethane	2,300	--	--	--	--	--	--	--	--	0.55 U	0.55 U	--	
1,1,2,2-Tetrachloroethane	0.043	--	--	--	--	--	--	--	--	0.7 U	0.7 U	--	
1,1,2-Trichloroethane	0.091	--	--	--	--	--	--	--	--	0.55 U	0.55 U	--	
1,1-Dichloroethane	1.6	0.13 U	0.13 U	0.15 U	0.14 U	0.13 U	0.16 U	0.12 U	0.13 U	0.41 U	0.41 U	0.4 U	
1,1-Dichloroethene	91	0.063 U	0.065 U	0.074 U	0.069 U	0.065 U	0.08 U	0.06 U	0.065 U	0.4 U	0.4 U	0.4 U	
1,2,4-Trichlorobenzene	0.91	--	--	--	--	--	--	--	--	1.9 U	1.9 U	--	
1,2,4-Trimethylbenzene	27	--	--	--	--	--	--	--	--	12	0.5 U	--	
1,2-Dibromoethane	0.0042	--	--	--	--	--	--	--	--	0.78 U	0.78 U	--	
1,2-Dichlorobenzene	91	--	--	--	--	--	--	--	--	0.61 U	0.61 U	--	
1,2-Dichloroethane	0.096	--	--	--	--	--	--	--	--	0.41 U	0.41 U	0.065	
1,2-Dichloropropane	0.68	--	--	--	--	--	--	--	--	0.47 U	0.47 U	--	
1,3,5-Trimethylbenzene	27	--	--	--	--	--	--	--	--	5	0.5 U	--	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	0.61 U	0.61 U	--	
1,4-Dichlorobenzene	0.23	--	--	--	--	--	--	--	--	0.61 U	0.61 U	--	
2-Butanone	2,300	--	--	--	--	--	--	--	--	3.3	0.79	--	
2-Hexanone	14	--	--	--	--	--	--	--	--	0.83 U	0.83 U	--	
4-Ethyltoluene	NA	--	--	--	--	--	--	--	--	2.2	0.5 U	--	
4-Methyl-2-pentanone	1,400	--	--	--	--	--	--	--	--	2.3	0.83 U	--	
Acetone	14,000	--	--	--	--	--	--	--	--	33	4.6	--	
Benzene	0.32	--	--	--	--	--	--	--	--	2.6	0.67	--	
Bromodichloromethane	0.067	--	--	--	--	--	--	--	--	0.68 U	0.68 U	--	
Bromoform	2.3	--	--	--	--	--	--	--	--	1 U	1 U	--	
Bromomethane	2.3	--	--	--	--	--	--	--	--	0.75	0.39 U	--	
Carbon disulfide	320	--	--	--	--	--	--	--	--	0.64	0.32 U	--	
Carbon tetrachloride	0.42	--	--	--	--	--	--	--	--	0.45	0.4	--	
Chlorobenzene	23	--	--	--	--	--	--	--	--	0.47 U	0.47 U	--	
Chloroethane	4,600	--	--	--	--	--	--	--	--	0.27 U	0.27 U	2.6 U	
Chloroform	0.11	--	--	--	--	--	--	--	--	0.25 U	0.25 U	--	
Chloromethane	41	--	--	--	--	--	--	--	--	1.4	1.1	--	
cis-1,2-Dichloroethene	NA	0.12 U	0.13 U	0.15 U	0.14 U	0.13 U	0.16 U	0.12 U	0.13 U	0.4 U	0.4 U	0.4 U	
cis-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	0.46 U	0.46 U	--	
Dibromochloromethane	NA	--	--	--	--	--	--	--	--	0.86 U	0.86 U	--	
Dichlorodifluoromethane (Freon 12)	46	--	--	--	--	--	--	--	--	2.9	2.3	--	
Ethylbenzene	460	--	--	--	--	--	--	--	--	5.9	0.44 U	--	
Freon 113	2,300	--	--	--	--	--	--	--	--	0.77 U	0.77 U	--	
Freon 114	NA	--	--	--	--	--	--	--	--	0.71 U	0.71 U	--	
Hexachlorobutadiene	0.11	--	--	--	--	--	--	--	--	2.7 U	2.7 U	--	
m,p-Xylene	46	--	--	--	--	--	--	--	--	12	1.1	--	
Methylene chloride	66	--	--	--	--	--	--	--	--	0.66	0.35 U	--	

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Location	Air PCUL AR-1 ⁽¹⁾	IA1	IA2	IA3	IA4		IA5	IA6	IA7	IA-SHOP	AMB-OUTDOOR	AA1	
Sample Name		IA1 ^(a)	IA2 ^(a)	IA3 ^(a)	IA4 ^(a)	IA8 ^(a,b)	IA5 ^(a)	IA6 ^(a)	IA7 ^(c)	IA-SHOP-020715 ^(d)	AMB-OUTDOOR- 020715 ^(e)	AA1 ^(e)	
Collection Start Date		06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	02/07/15	02/07/15	02/01/20
Collection End Date		06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	06/13/06	02/07/15	02/07/15	02/02/20
o-Xylene	46	--	--	--	--	--	--	--	--	5.1	0.44 U	--	
Styrene	460	--	--	--	--	--	--	--	--	0.66	0.43 U	--	
Tetrachloroethene	9.6	--	--	--	--	--	--	--	--	1.6	0.69 U	--	
Toluene	2,300	--	--	--	--	--	--	--	--	45	2.2	--	
trans-1,2-Dichloroethene	NA	0.63 U	0.65 U	0.74 U	0.69 U	0.65 U	0.8 U	0.6 U	0.65 U	0.4 U	0.4 U	0.4 U	
trans-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	0.46 U	0.46 U	--	
Trichloroethene	0.33	0.2	0.083	0.11	0.14	0.15	0.16	0.15	0.046	240	0.96	0.16 U	
Trichlorofluoromethane (Freon 11)	320	--	--	--	--	--	--	--	--	1.2	1.2	--	
Vinyl chloride	0.28	0.04 U	0.042 U	0.048 U	0.045 U	0.042 U	0.051 U	0.039 U	0.042 U	0.25	0.13 U	0.26 U	
Xylenes, total ^(m)	46	--	--	--	--	--	--	--	--	17.1	1.32	--	

Location	Air PCUL AR-1 ⁽¹⁾	AA2	AA3	AA4	AA5	IA8	IA9	IA10	IA11	IA12	IA13	IA14	IA15	
Sample Name		AA2 ^(e)	AA3 ^(e)	AA4 ^(e)	AA5 ^(e)	IA8-020120 ^(d)	IA9 ^(d)	IA10 ^(d)	IA11 ^(d)	IA12 ^(d)	IA13 ^(d)	IA14 ^(d)	IA15 ^(d)	
Collection Start Date		02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20
Collection End Date		02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20
VOCs (ug/m³)														
1,1,1,2-Tetrachloroethane	0.34	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,1-Trichloroethane	2,300	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2,2-Tetrachloroethane	0.043	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2-Trichloroethane	0.091	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethane	1.6	0.4 U	0.65 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	
1,1-Dichloroethene	91	0.4 U	0.63 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	
1,2,4-Trichlorobenzene	0.91	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trimethylbenzene	27	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromoethane	0.0042	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichlorobenzene	91	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	0.096	0.065	0.065	0.065	0.065	0.093	0.085	0.089	0.097	0.093	0.089	0.085	0.093	
1,2-Dichloropropane	0.68	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	27	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dichlorobenzene	0.23	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	2,300	--	--	--	--	--	--	--	--	--	--	--	--	
2-Hexanone	14	--	--	--	--	--	--	--	--	--	--	--	--	
4-Ethyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
4-Methyl-2-pentanone	1,400	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	14,000	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene	0.32	--	--	--	--	--	--	--	--	--	--	--	--	
Bromodichloromethane	0.067	--	--	--	--	--	--	--	--	--	--	--	--	
Bromoform	2.3	--	--	--	--	--	--	--	--	--	--	--	--	
Bromomethane	2.3	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon disulfide	320	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon tetrachloride	0.42	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobenzene	23	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroethane	4,600	2.6 U	4.2 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	
Chloroform	0.11	--	--	--	--	--	--	--	--	--	--	--	--	
Chloromethane	41	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,2-Dichloroethene	NA	0.4 U	0.63 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	
cis-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromochloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Dichlorodifluoromethane (Freon 12)	46	--	--	--	--	--	--	--	--	--	--	--	--	
Ethylbenzene	460	--	--	--	--	--	--	--	--	--	--	--	--	
Freon 113	2,300	--	--	--	--	--	--	--	--	--	--	--	--	
Freon 114	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobutadiene	0.11	--	--	--	--	--	--	--	--	--	--	--	--	
m,p-Xylene	46	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	66	--	--	--	--	--	--	--	--	--	--	--	--	

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Air Analytical Results
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Location	Air PCUL AR-1 ⁽¹⁾	AA2	AA3	AA4	AA5	IA8	IA9	IA10	IA11	IA12	IA13	IA14	IA15	
Sample Name		AA2 ^(e)	AA3 ^(e)	AA4 ^(e)	AA5 ^(e)	IA8-020120 ^(d)	IA9 ^(d)	IA10 ^(d)	IA11 ^(d)	IA12 ^(d)	IA13 ^(d)	IA14 ^(d)	IA15 ^(d)	
Collection Start Date		02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20	02/01/20
Collection End Date		02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20	02/02/20
o-Xylene	46	--	--	--	--	--	--	--	--	--	--	--	--	
Styrene	460	--	--	--	--	--	--	--	--	--	--	--	--	
Tetrachloroethene	9.6	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	2,300	--	--	--	--	--	--	--	--	--	--	--	--	
trans-1,2-Dichloroethene	NA	0.4 U	0.63 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	
trans-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	0.33	0.16 U	0.27 U	0.16 U	0.16 U	270	330	340	170	200	210	110	170	
Trichlorofluoromethane (Freon 11)	320	--	--	--	--	--	--	--	--	--	--	--	--	
Vinyl chloride	0.28	0.26 U	0.41 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	
Xylenes, total ^(m)	46	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Air PCUL AR-1 ^(f)	IA16			IA17			IA18		IA19			IA20
Sample Name		IA16 ^(f)	IA16-022020 ^(g)	IA16050220 ^(h)	IA17 ^(f)	IA17-022020 ^(g)	IA17050220 ^(h)	IA18 ^(f)	IA18050220 ^(g)	IA19 ^(f)	IA19-022020 ^(g)	IA19050220 ^(h)	IA20 ^(f)
Collection Start Date		02/11/20	02/20/20	05/02/20	02/11/20	02/20/20	05/02/20	02/11/20	05/02/20	02/11/20	02/20/20	05/02/20	02/11/20
Collection End Date		02/11/20	02/20/20	05/03/20	02/11/20	02/20/20	05/03/20	02/11/20	05/03/20	02/11/20	02/20/20	05/03/20	02/11/20
VOCs (ug/m³)													
1,1,1,2-Tetrachloroethane	0.34	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	2,300	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.043	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.091	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	1.6	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	91	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	0.91	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	27	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0042	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	91	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.096	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.68	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	27	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.23	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	2,300	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	14	--	--	--	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,400	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.32	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.067	--	--	--	--	--	--	--	--	--	--	--	--
Bromoform	2.3	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	2.3	--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	320	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.42	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	23	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	4,600	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.11	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	41	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	NA	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane (Freon 12)	46	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	460	--	--	--	--	--	--	--	--	--	--	--	--
Freon 113	2,300	--	--	--	--	--	--	--	--	--	--	--	--
Freon 114	NA	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	0.11	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	46	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	66	--	--	--	--	--	--	--	--	--	--	--	--

Location	Air PCUL AR-1 ⁽¹⁾	IA16			IA17			IA18		IA19			IA20
Sample Name		IA16 ^(f)	IA16-022020 ^(g)	IA16050220 ^(h)	IA17 ^(f)	IA17-022020 ^(g)	IA17050220 ^(h)	IA18 ^(f)	IA18050220 ^(g)	IA19 ^(f)	IA19-022020 ^(g)	IA19050220 ^(h)	IA20 ^(f)
Collection Start Date		02/11/20	02/20/20	05/02/20	02/11/20	02/20/20	05/02/20	02/11/20	05/02/20	02/11/20	02/20/20	05/02/20	02/11/20
Collection End Date		02/11/20	02/20/20	05/03/20	02/11/20	02/20/20	05/03/20	02/11/20	05/03/20	02/11/20	02/20/20	05/03/20	02/11/20
o-Xylene	46	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	460	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	9.6	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	2,300	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	NA	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.33	2.8	1.9	0.27 U	93	4.5	0.27 U	45	0.27 U	110	2.3	0.27 U	73
Trichlorofluoromethane (Freon 11)	320	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.28	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, total ^(m)	46	--	--	--	--	--	--	--	--	--	--	--	--

Location	Air PCUL AR-1 ⁽¹⁾	RAD1				RAD2	RAD3	RAD4			RAD5		
Sample Name		RAD1 ⁽⁰⁾	RAD1-022020 ⁽⁰⁾	RAD1-051520 ^(k)	RAD1-121720 ⁽⁰⁾	RAD2 ⁽⁰⁾	RAD3 ⁽⁰⁾	RAD4 ⁽⁰⁾	RAD4-051520 ^(k)	RAD4-121720 ⁽⁰⁾	RAD5 ⁽⁰⁾	RAD5-051520 ^(k)	RAD5-121720 ⁽⁰⁾
Collection Start Date		02/01/20	02/20/20	05/15/20	12/17/20	02/01/20	02/01/20	02/20/20	05/15/20	12/17/20	02/20/20	05/15/20	12/17/20
Collection End Date		02/13/20	03/12/20	06/05/20	01/07/21	02/13/20	02/13/20	03/12/20	06/05/20	01/07/21	03/12/20	06/05/20	01/07/21
VOCs (ug/m³)													
1,1,1,2-Tetrachloroethane	0.34	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	2,300	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.043	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.091	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	1.6	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	91	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	0.91	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	27	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0042	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	91	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.096	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.68	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	27	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.23	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	2,300	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	14	--	--	--	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,400	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.32	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.067	--	--	--	--	--	--	--	--	--	--	--	--
Bromoform	2.3	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	2.3	--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	320	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.42	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	23	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	4,600	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.11	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	41	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	NA	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane (Freon 12)	46	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	460	--	--	--	--	--	--	--	--	--	--	--	--
Freon 113	2,300	--	--	--	--	--	--	--	--	--	--	--	--
Freon 114	NA	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	0.11	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	46	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	66	--	--	--	--	--	--	--	--	--	--	--	--

Location	Air PCUL AR-1 ⁽¹⁾	RAD1				RAD2	RAD3	RAD4			RAD5		
Sample Name		RAD1 ⁽⁰⁾	RAD1-022020 ⁽⁰⁾	RAD1-051520 ^(k)	RAD1-121720 ⁽⁰⁾	RAD2 ⁽⁰⁾	RAD3 ⁽⁰⁾	RAD4 ⁽⁰⁾	RAD4-051520 ^(k)	RAD4-121720 ⁽⁰⁾	RAD5 ⁽⁰⁾	RAD5-051520 ^(k)	RAD5-121720 ⁽⁰⁾
Collection Start Date		02/01/20	02/20/20	05/15/20	12/17/20	02/01/20	02/01/20	02/20/20	05/15/20	12/17/20	02/20/20	05/15/20	12/17/20
Collection End Date		02/13/20	03/12/20	06/05/20	01/07/21	02/13/20	02/13/20	03/12/20	06/05/20	01/07/21	03/12/20	06/05/20	01/07/21
o-Xylene	46	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	460	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	9.6	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	2,300	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	NA	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.33	110	1.3	1.4	0.54	110	170	2.6	2.6	0.87	2.3	1.7	0.77
Trichlorofluoromethane (Freon 11)	320	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.28	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, total ^(m)	46	--	--	--	--	--	--	--	--	--	--	--	--

Location	Subslab Soil Gas Screening Level Protect Indoor Air SG-1 ⁽¹⁾	A1	A2	A3	A5	A6	A7	SG-1	A8	A9	A10	A11
Sample Name		A1-042806	A2-042806	A3b-042806	A5b-042806	A6-042806	A7-042806	SS-1-020715 ^(a)	A8	A9	A10	A11
Collection Date		04/28/06	04/28/06	04/28/06	04/28/06	04/28/06	04/28/06	02/07/15	02/01/20	02/01/20	02/01/20	02/01/20
VOCs (ug/m³)												
1,1,1,2-Tetrachloroethane	11.00	--	--	--	--	--	--	2.80 U	--	--	--	--
1,1,1-Trichloroethane	76,000.00	--	--	--	--	--	--	4.40	--	--	--	--
1,1,2,2-Tetrachloroethane	1.40	--	--	--	--	--	--	2.80 U	--	--	--	--
1,1,2-Trichloroethane	3.00	--	--	--	--	--	--	2.20 U	--	--	--	--
1,1-Dichloroethane	52.00	--	--	--	--	--	--	1.60 U	3.30 U	6.50 U	18.00 U	14.00
1,1-Dichloroethene	3,000.00	--	--	--	--	--	--	1.60 U	3.30 U	6.30 U	17.00 U	3.30 U
1,2,4-Trichlorobenzene	30.00	--	--	--	--	--	--	7.50 U	--	--	--	--
1,2,4-Trimethylbenzene	910.00	--	--	--	--	--	--	3.70	--	--	--	--
1,2-Dibromoethane	0.14	--	--	--	--	--	--	3.10 U	--	--	--	--
1,2-Dichlorobenzene	3,000.00	--	--	--	--	--	--	2.40 U	--	--	--	--
1,2-Dichloroethane	3.20	--	--	--	--	--	--	1.60 U	0.33 U	0.65 U	1.80 U	0.33 U
1,2-Dichloropropane	23.00	--	--	--	--	--	--	1.90 U	--	--	--	--
1,3,5-Trimethylbenzene	910.00	--	--	--	--	--	--	2.00 U	--	--	--	--
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	2.40 U	--	--	--	--
1,4-Dichlorobenzene	7.60	--	--	--	--	--	--	2.40 U	--	--	--	--
2-Butanone	76,000.00	--	--	--	--	--	--	18.00	--	--	--	--
2-Hexanone	460.00	--	--	--	--	--	--	3.30 U	--	--	--	--
4-Ethyltoluene	NA	--	--	--	--	--	--	2.00 U	--	--	--	--
4-Methyl-2-pentanone	46,000.00	--	--	--	--	--	--	12.00	--	--	--	--
Acetone	470,000.00	--	--	--	--	--	--	320.00 E	--	--	--	--
Benzene	11.00	--	--	--	--	--	--	7.00	--	--	--	--
Bromodichloromethane	2.20	--	--	--	--	--	--	2.70 U	--	--	--	--
Bromoform	76.00	--	--	--	--	--	--	4.20 U	--	--	--	--
Bromomethane	76.00	--	--	--	--	--	--	1.60 U	--	--	--	--
Butane	NA	73.00	160.00	31.00 U	250.00 U	350.00	330.00	--	--	--	--	--
Carbon disulfide	11,000.00	--	--	--	--	--	--	2.20	--	--	--	--
Carbon tetrachloride	14.00	--	--	--	--	--	--	1.30 U	--	--	--	--
Chlorobenzene	760.00	--	--	--	--	--	--	1.90 U	--	--	--	--
Chloroethane	150,000.00	--	--	--	--	--	--	1.10 U	22.00 U	42.00 U	120.00 U	22.00 U
Chloroform	3.60	--	--	--	--	--	--	1.00 U	--	--	--	--
Chloromethane	1,400.00	--	--	--	--	--	--	0.80 U	--	--	--	--
cis-1,2-Dichloroethene	NA	3.00 U	3.60 U	470.00	1,700.00	2.60 U	2.60 U	1.60 U	3.30 U	21.00	40.00	3.30 U
cis-1,3-Dichloropropene	NA	--	--	--	--	--	--	1.80 U	--	--	--	--
Dibromochloromethane	NA	--	--	--	--	--	--	3.50 U	--	--	--	--
Dichlorodifluoromethane (Freon 12)	1,500.00	--	--	--	--	--	--	4.00 U	--	--	--	--
Ethylbenzene	15,000.00	--	--	--	--	--	--	3.80	--	--	--	--
Freon 113	76,000.00	--	--	--	--	--	--	3.10 U	--	--	--	--
Freon 114	NA	--	--	--	--	--	--	2.80 U	--	--	--	--
Hexachlorobutadiene	3.80	--	--	--	--	--	--	11.00 U	--	--	--	--
Isobutane	NA	5,800.00 J	5,500.00 J	2,600.00 J	620.00 U	11,000.00 J	13,000.00 J	--	--	--	--	--
m,p-Xylene	1,500.00	--	--	--	--	--	--	11.00	--	--	--	--
Methylene chloride	2,200.00	--	--	--	--	--	--	1.40 U	--	--	--	--
o-Xylene	1,500.00	--	--	--	--	--	--	4.10	--	--	--	--
Styrene	15,000.00	--	--	--	--	--	--	2.80	--	--	--	--
Tetrachloroethene	320.00	--	--	--	--	--	--	11.00	--	--	--	--
Toluene	76,000.00	--	--	--	--	--	--	32.00	--	--	--	--

Location	Subslab Soil Gas Screening Level Protect Indoor Air SG-1 ⁽¹⁾	A1	A2	A3	A5	A6	A7	SG-1	A8	A9	A10	A11
Sample Name		A1-042806	A2-042806	A3b-042806	A5b-042806	A6-042806	A7-042806	SS-1-020715 ^(a)	A8	A9	A10	A11
Collection Date		04/28/06	04/28/06	04/28/06	04/28/06	04/28/06	04/28/06	02/07/15	02/01/20	02/01/20	02/01/20	02/01/20
VOCs (ug/m³)												
1,1,1,2-Tetrachloroethane	11.00	--	--	--	--	--	--	2.80 U	--	--	--	--
1,1,1-Trichloroethane	76,000.00	--	--	--	--	--	--	4.40	--	--	--	--
1,1,2,2-Tetrachloroethane	1.40	--	--	--	--	--	--	2.80 U	--	--	--	--
1,1,2-Trichloroethane	3.00	--	--	--	--	--	--	2.20 U	--	--	--	--
trans-1,2-Dichloroethene	NA	3.00 U	3.60 U	13.00 U	100.00 U	2.60 U	2.60 U	1.60 U	3.30 U	6.30 U	17.00 U	3.30 U
trans-1,3-Dichloropropene	NA	--	--	--	--	--	--	1.80 U	--	--	--	--
Trichloroethene	11.00	4.00 U	4.90 U	6,100.00	37,000.00	3.50 U	3.50 U	95.00	160.00	1,100.00	29.00	82.00
Trichlorofluoromethane (Freon 11)	11,000.00	--	--	--	--	--	--	2.30 U	--	--	--	--
Vinyl chloride	9.40	1.90 U	2.30 U	8.40 U	420.00	1.70 U	1.70 U	0.50 U	2.10 U	4.10 U	11.00 U	2.10 U
Xylenes, total ^(b)	1,500.00	--	--	--	--	--	--	15.10	--	--	--	--
<p>NOTES:</p> <p>Shading (color key below) indicates values that exceed screening criteria; non-detects ("U") were also compared with screening criteria.</p> <p>Sub-Slab Soil Gas Screening Level, Protect Indoor Air, SG-1 - Detected</p> <p>Sub-Slab Soil Gas Screening Level, Protect Indoor Air, SG-1 - Not Detected</p> <p>-- = not analyzed. E = Result exceeds instrument calibration range. J = Result is estimated. NA = not applicable. U = result is not detected at or above method reporting limit. ug/m³ = micrograms per cubic meter. VOC = volatile organic compound.</p> <p>^(a)Sample SS-1-020715 concentration of helium tracer gas was 22 percent; sampling shroud was approximately 50 to 60 percent. ^(b)Total xylene is the sum of m,p-xylene and o-xylene.</p> <p>REFERENCE: ⁽¹⁾Ecology. 2020. Lower Duwamish Waterway preliminary cleanup level workbook. Washington State Department of Ecology, Toxics Cleanup Program, Olympia, Washington. Revised May 20.</p>												

NOTES:
 Lower Duwamish Waterway PCUL number SL-9, the site-specific terrestrial ecological evaluation PCUL, was removed from consideration because the simplified terrestrial ecological evaluation was ended.
 Shading (color key below) indicates values that exceed screening criteria; non-detects ("U") were compared with screening criteria.
 This table does not include results from samples collected from locations in the drainage ditch that were excavated during the 2008 soil-removal actions (HA3, HA4, HA5, HA22, P1, P9, and SS6).
 Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10—Detected
 Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10—Not Detected
 -- = not analyzed.
 cPAH = carcinogenic PAH.
 EPH = extractable petroleum hydrocarbons.
 FD = field duplicate sample.
 ft bgs = feet below ground surface.
 GW = groundwater.
 HPAH = high-molecular-weight PAH.
 J = result is estimated.
 LPAH = low-molecular-weight PAH.
 mg/kg = milligrams per kilogram.
 N = normal field sample.
 NA = not applicable.
 ND = non-detect.
 PAH = polycyclic aromatic hydrocarbon.
 PCUL = preliminary cleanup level.
 SL = screening level.
 TEF = toxic equivalency factor.
 TEQ = toxic equivalency quotient.
 TPH = total petroleum hydrocarbons.
 U = result is non-detect to method detection limit or method reporting limit.
 VOC = volatile organic compound.

^(a)Trivalent chromium concentrations were calculated by subtracting the hexavalent chromium value from the total chromium value. If hexavalent chromium was non-detect, then the trivalent chromium value was assumed to be equal to the entire total chromium value.
^(b)Total xylenes are reported from the lab or are the sum of m,p- and o-xylene. Non-detect results are summed at one-half the reporting limit. When both results are non-detect, the highest reporting limit is used.
^(c)Total naphthalenes is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene. Non-detect results are summed at one-half the reporting limit. When all results are non-detect, the highest reporting limit is used.
^(d)cPAH TEQ values are based on toxic equivalence factors from Washington State Department of Ecology Evaluating the Human Health Toxicity of cPAH Using TEF. 2015. Non-detect results are summed according to frequency of detection in soil: analytes detected at least once at the Site are summed at one-half the reporting limit multiplied by the associated TEF; analytes never detected at the Site are not included in the TEQ calculation. If all results are non-detect, the highest reporting limit is used.
^(e)Total HPAHs is the sum of benz(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-c,d)pyrene, pyrene, and total benzofluoranthenes. Non-detect results are summed according to frequency of detection in soil: analytes detected at least once at the Site are summed at one-half the reporting limit; analytes never detected at the Site are not included in the sum. If all results are non-detect, the highest reporting limit is used.
^(f)Total LPAHs is the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene. Non-detect results are summed according to frequency of detection in soil: analytes detected at least once at the Site are summed at one-half the reporting limit; analytes never detected at the Site are not included in the sum. If all results are non-detect, the highest reporting limit is used.
^(g)Total diesel+oil is the sum of diesel- and oil-range hydrocarbons. Non-detect results are summed at one-half the reported detection limit. When both results are non-detect, the highest detection limit is used.

REFERENCE:
⁽¹⁾Ecology. 2020. Lower Duwamish Waterway preliminary cleanup level workbook. Washington State Department of Ecology, Toxics Cleanup Program, Olympia, Washington. Revised May 20.

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12		
Sample Name		B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Collection Depth Interval (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Collection Depth (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Metals (mg/kg)															
Antimony	5.42	--	--	--	--	--	--	--	--	--	--	--	--	--	
Arsenic	7.3	16.2	13.9	10.7	3.79	3.07	2.76	7.21	10	8	16.1	8.26	11.3	26.3	
Beryllium	63.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Total	260	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Hexavalent	18.4	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Trivalent ^(a)	548	--	--	--	--	--	--	--	--	--	--	--	--	--	
Copper	36.4	--	--	--	--	--	--	--	--	--	--	--	--	--	
Lead	250	11.2	36.7	29.7	3.6	5.19	3.5	22.2	40.4	19.5	37.2	16	108	55.5	
Mercury	0.07	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nickel	38.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Selenium	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silver	0.323	--	--	--	--	--	--	--	--	--	--	--	--	--	
Thallium	0.0881	--	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	101	--	--	--	--	--	--	--	--	--	--	--	--	--	
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	38.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,1-Trichloroethane	1.49	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2,2-Tetrachloroethane	0.00122	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2-Trichloroethane	0.00498	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethane	0.0407	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethene	0.044	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	0.0063	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	0.031	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	1.25	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromoethane	0.000267	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichlorobenzene	0.036	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	0.0231	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloropropane	0.0157	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dichlorobenzene	0.11	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,2-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	48,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Chlorotoluene	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12		
Sample Name		B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Collection Depth Interval (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Collection Depth (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
4-Chlorotoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Isopropyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	28.9	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene	0.00875	--	--	--	--	0.0318 U	--	--	--	--	--	--	--	--	
Bromobenzene	0.56	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromodichloromethane	0.0145	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromoform	0.0785	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromomethane	0.0503	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon disulfide	5.04	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon tetrachloride	0.00291	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobenzene	0.862	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroform	0.0736	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,2-Dichloroethene	0.0781	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromochloromethane	0.0117	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromomethane	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Ethylbenzene	0.259	--	--	--	--	0.053 U	--	--	--	--	--	--	--	--	
Hexachlorobutadiene	0.0108	--	--	--	--	--	--	--	--	--	--	--	--	--	
Isopropylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
m,p-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methyl tert-butyl ether	0.103	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	0.0215	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.0389	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Butylbenzene	4,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
sec-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Styrene	2.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
tert-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Tetrachloroethene	0.029	--	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	0.917	--	--	--	--	0.053 U	--	--	--	--	--	--	--	--	
trans-1,2-Dichloroethene	0.518	--	--	--	--	--	--	--	--	--	--	--	--	--	
trans-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	0.00441	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Vinyl chloride	0.00104	--	--	--	--	--	--	--	--	--	--	--	--	--	
Xylenes, Total ^(b)	14.2	--	--	--	--	0.106 U	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12		
Sample Name		B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Collection Depth Interval (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Collection Depth (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
PAHs (mg/kg)															
1-Methylnaphthalene	34.5	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
2-Methylnaphthalene	0.67	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Acenaphthene	0.5	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Anthracene	0.96	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	1.3	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.188	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Chrysene	1.4	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.23	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Fluoranthene	1.7	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Fluorene	0.54	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.6	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Naphthalene	0.039	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Pyrene	2.6	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.039	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.00031	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	0.013 U	--	--	--	--	--	--	--	--	
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range-Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 3-3
Vadose Soil Analytical Results
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12		
Sample Name		B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Collection Depth Interval (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Collection Depth (ft bgs)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
TPH (mg/kg)															
Gasoline-Range Hydrocarbons	30	--	--	--	--	5.3 U	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	--	--	--	--	13 U	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	2,000	--	--	--	--	32.5 U	--	--	--	--	--	--	--	--	
Total Diesel + Oil ⁽⁹⁾	2,000	--	--	--	--	32.5 U	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	C1	C2	C3	GP1	GP2	GP3	GP4	GP5	GP6	GP7	GP8	GP9	GP10	GP11	
Sample Name		C-1	C-2	C-3	GP1-S-1.5	GP2-S-1.0	GP3-S-2.0	GP4-S-1.5	GP5-S-1.5	GP6-S-1.0	GP7-S-2.0	GP8-S-1.5	GP9-S-2.0	GP10-S-1.5	GP11-S-2.0	
Collection Date		03/27/08	03/27/08	03/27/08	06/07/05	06/07/05	06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/17/05	06/17/05	06/17/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2	
Collection Depth (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2	
Metals (mg/kg)																
Antimony	5.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Arsenic	7.3	9.91	21.6	13.2	--	11.3	--	--	--	--	--	--	--	--	--	
Beryllium	63.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Total	260	--	--	--	205	2,680	915	1,230	18.9	584	23.6	22.2	43.3	21.8	21.7	
Chromium, Hexavalent	18.4	--	--	--	152	523	27.7	53.4	0.111 U	627	0.119	0.661	2.97	0.142	0.573	
Chromium, Trivalent ^(a)	548	--	--	--	53	2,157	887	1,177	18.9	584	23.5	21.5	40.3	21.7	21.1	
Copper	36.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Lead	250	470	1,020	213	--	34.8	--	--	--	--	--	--	--	--	--	
Mercury	0.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nickel	38.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Selenium	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silver	0.323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Thallium	0.0881	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
VOCs (mg/kg)																
1,1,1,2-Tetrachloroethane	38.5	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,1,1-Trichloroethane	1.49	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
1,1,2,2-Tetrachloroethane	0.00122	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
1,1,2-Trichloroethane	0.00498	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,1-Dichloroethane	0.0407	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,1-Dichloroethene	0.044	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0237	0.00837 U	
1,1-Dichloropropene	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,2,3-Trichlorobenzene	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,2,3-Trichloropropane	0.0063	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
1,2,4-Trichlorobenzene	0.031	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,2,4-Trimethylbenzene	800	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,2-Dibromo-3-chloropropane	1.25	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,2-Dibromoethane	0.000267	--	--	--	0.000839 U	0.00096 U	0.00291 U	0.00189 U	0.0013 U	0.00156 U	0.00143 U	0.0018 U	0.00136 U	0.00204 U	0.00153 U	
1,2-Dichlorobenzene	0.036	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,2-Dichloroethane	0.0231	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
1,2-Dichloropropane	0.0157	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
1,3,5-Trichlorobenzene	NA	--	--	--	0.000839 U	0.00096 U	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,3-Dichlorobenzene	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
1,3-Dichloropropane	NA	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
1,4-Dichlorobenzene	0.11	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
2,2-Dichloropropane	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
2-Butanone	48,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Chlorotoluene	1,600	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	C1	C2	C3	GP1	GP2	GP3	GP4	GP5	GP6	GP7	GP8	GP9	GP10	GP11	
Sample Name		C-1	C-2	C-3	GP1-S-1.5	GP2-S-1.0	GP3-S-2.0	GP4-S-1.5	GP5-S-1.5	GP6-S-1.0	GP7-S-2.0	GP8-S-1.5	GP9-S-2.0	GP10-S-1.5	GP11-S-2.0	
Collection Date		03/27/08	03/27/08	03/27/08	06/07/05	06/07/05	06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/17/05	06/17/05	06/17/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2	
Collection Depth (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2	
4-Chlorotoluene	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
4-Isopropyltoluene	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	28.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene	0.00875	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
Bromobenzene	0.56	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Bromodichloromethane	0.0145	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Bromoform	0.0785	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Bromomethane	0.0503	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Carbon disulfide	5.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon tetrachloride	0.00291	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
Chlorobenzene	0.862	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Chlorobromomethane	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Chloroethane	NA	--	--	--	0.000839 U	0.00096 U	0.159 U	0.103 U	0.0712 U	0.085 U	0.0781 U	0.0986 U	0.0742 U	0.112 U	0.0837 U	
Chloroform	0.0736	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Chloromethane	NA	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
cis-1,2-Dichloroethene	0.0781	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
cis-1,3-Dichloropropene	0.00229	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Dibromochloromethane	0.0117	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Dibromomethane	800	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Ethylbenzene	0.259	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Hexachlorobutadiene	0.0108	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Isopropylbenzene	8,000	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
m,p-Xylene	14.2	--	--	--	0.00168 U	0.00192 U	0.159 U	0.103 U	0.0712 U	0.085 U	0.0781 U	0.0986 U	0.0742 U	0.112 U	0.0837 U	
Methyl tert-butyl ether	0.103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	0.0215	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
Naphthalene	0.0389	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
n-Butylbenzene	4,000	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
n-Propylbenzene	8,000	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
o-Xylene	14.2	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
sec-Butylbenzene	8,000	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Styrene	2.23	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
tert-Butylbenzene	8,000	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Tetrachloroethene	0.029	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
Toluene	0.917	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
trans-1,2-Dichloroethene	0.518	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
trans-1,3-Dichloropropene	0.00229	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Trichloroethene	0.00441	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	0.000839 U	0.00096 U	0.0795 U	0.0517 U	0.0356 U	0.0425 U	0.039 U	0.0493 U	0.0371 U	0.0558 U	0.0419 U	
Vinyl chloride	0.00104	--	--	--	0.000839 U	0.00096 U	0.0159 U	0.0103 U	0.00712 U	0.0085 U	0.00781 U	0.00986 U	0.00742 U	0.0112 U	0.00837 U	
Xylenes, Total ^(b)	14.2	--	--	--	0.00168 U	0.00192 U	0.159 U	0.103 U	0.0712 U	0.085 U	0.0781 U	0.0986 U	0.0742 U	0.112 U	0.0837 U	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	C1	C2	C3	GP1	GP2	GP3	GP4	GP5	GP6	GP7	GP8	GP9	GP10	GP11
Sample Name		C-1	C-2	C-3	GP1-S-1.5	GP2-S-1.0	GP3-S-2.0	GP4-S-1.5	GP5-S-1.5	GP6-S-1.0	GP7-S-2.0	GP8-S-1.5	GP9-S-2.0	GP10-S-1.5	GP11-S-2.0
Collection Date		03/27/08	03/27/08	03/27/08	06/07/05	06/07/05	06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/17/05	06/17/05	06/17/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2
Collection Depth (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2
PAHs (mg/kg)															
1-Methylnaphthalene	34.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	0.188	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b,k)fluoranthene	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	0.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	0.039	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	2.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total naphthalenes ^(c)	0.039	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cPAH TEQ ^(d)	0.00031	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range-Hydrocarbons	NA	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel-Range Hydrocarbons	NA	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oil-Range Hydrocarbons	NA	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-3
Vadose Soil Analytical Results
 Precision Engineering, Inc.
 Dick Morgan
 Seattle, Washington

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	C1	C2	C3	GP1	GP2	GP3	GP4	GP5	GP6	GP7	GP8	GP9	GP10	GP11	
Sample Name		C-1	C-2	C-3	GP1-S-1.5	GP2-S-1.0	GP3-S-2.0	GP4-S-1.5	GP5-S-1.5	GP6-S-1.0	GP7-S-2.0	GP8-S-1.5	GP9-S-2.0	GP10-S-1.5	GP11-S-2.0	
Collection Date		03/27/08	03/27/08	03/27/08	06/07/05	06/07/05	06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/17/05	06/17/05	06/17/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2	
Collection Depth (ft bgs)		2	1.5	1.5	1.5	1	2	1.5	1.5	1	2	1.5	2	1.5	2	
TPH (mg/kg)																
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Diesel + Oil ⁽⁹⁾	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP12		GP13	GP14	GP15	GP16		GP17	GP18	GP19	GP20	GP21	GP22	
Sample Name		GP12-S-3.0	GP12-S-5.0	GP13-S-1.0	GP14-S-3.0	GP15-S-3.0	GP16-S-1.0	GP16-S-5.0	GP17-S-1.0	GP18-S-1.0	GP19-S-1.0	GP20-S-1.0	GP21-S-1.0	GP22-S-1.0	
Collection Date		12/13/05	12/13/05	12/14/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/13/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
Collection Depth (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
Metals (mg/kg)															
Antimony	5.42	1.77 U	--	1.78 U	1.83 U	1.59 U	--	--	--	1.84 U	--	1.78 U	--	--	
Arsenic	7.3	2.79	--	9.45	3	7.76	--	--	--	3.55	--	5.47	--	--	
Beryllium	63.2	0.591 U	--	0.593 U	0.609 U	0.529 U	--	--	--	0.615 U	--	0.592 U	--	--	
Cadmium	0.77	0.591 U	--	1.29	0.609 U	0.714	--	--	--	0.615 U	--	0.592 U	--	--	
Chromium, Total	260	24.3	25.2	26.6	24.8	24.7	30	26.2	254	4,430	22	17.6	25.6	46.8	
Chromium, Hexavalent	18.4	1.1 U	1 U	1.4 U	2 U	1.2 U	2.1 U	2.1 U	1.7 U	2,300 J	2.5 U	1.1 U	1 U	2.9 J	
Chromium, Trivalent ^(a)	548	24.3	25.2	26.6	24.8	24.7	30	26.2	254	2,130 J	22	17.6	25.6	43.9 J	
Copper	36.4	17.6	--	29	14.4	30.4	--	--	--	113	--	29.4	--	--	
Lead	250	2.45	--	21.1	2.2	18.7	--	--	--	26.3	--	10.1	--	--	
Mercury	0.07	0.131 U	--	0.168 U	0.12 U	0.154 U	--	--	--	1.1	--	0.152 U	--	--	
Nickel	38.2	25.6	--	21.8	32.9	16.4	--	--	--	23.1	--	13	--	--	
Selenium	5.2	0.591 U	--	0.593 U	0.609 U	0.529 U	--	--	--	0.615 U	--	0.592 U	--	--	
Silver	0.323	0.591 U	--	0.593 U	0.609 U	0.529 U	--	--	--	0.615 U	--	0.592 U	--	--	
Thallium	0.0881	0.591 U	--	0.593 U	0.609 U	0.529 U	--	--	--	0.615 U	--	0.592 U	--	--	
Zinc	101	32.9	--	84.9	38.4	71.6	--	--	--	40.9	--	49.3	--	--	
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	38.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,1-Trichloroethane	1.49	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2,2-Tetrachloroethane	0.00122	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2-Trichloroethane	0.00498	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethane	0.0407	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethene	0.044	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	0.0063	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	0.031	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	1.25	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromoethane	0.000267	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichlorobenzene	0.036	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	0.0231	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloropropane	0.0157	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dichlorobenzene	0.11	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,2-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	48,000	0.0143 U	0.0136 U	0.215	0.0147 U	0.123	0.0111 U	0.0127 U	0.0295	0.0142 U	0.0601	0.0217	0.0131 U	0.0136 U	
2-Chlorotoluene	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP12		GP13	GP14	GP15	GP16		GP17	GP18	GP19	GP20	GP21	GP22	
Sample Name		GP12-S-3.0	GP12-S-5.0	GP13-S-1.0	GP14-S-3.0	GP15-S-3.0	GP16-S-1.0	GP16-S-5.0	GP17-S-1.0	GP18-S-1.0	GP19-S-1.0	GP20-S-1.0	GP21-S-1.0	GP22-S-1.0	
Collection Date		12/13/05	12/13/05	12/14/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/13/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
Collection Depth (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
4-Chlorotoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Isopropyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	28.9	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene	0.00875	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromobenzene	0.56	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromodichloromethane	0.0145	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromoform	0.0785	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromomethane	0.0503	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon disulfide	5.04	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon tetrachloride	0.00291	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobenzene	0.862	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroform	0.0736	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,2-Dichloroethene	0.0781	0.00286 U	0.00273 U	0.0119 U	0.00293 U	0.00326 U	0.00222 U	0.00255 U	0.00251 U	0.00283 U	0.0032 U	0.00315 U	0.00261 U	0.00272 U	
cis-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromochloromethane	0.0117	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromomethane	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Ethylbenzene	0.259	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobutadiene	0.0108	--	--	--	--	--	--	--	--	--	--	--	--	--	
Isopropylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
m,p-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methyl tert-butyl ether	0.103	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	0.0215	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.0389	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Butylbenzene	4,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
sec-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Styrene	2.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
tert-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Tetrachloroethene	0.029	--	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	0.917	--	--	--	--	--	--	--	--	--	--	--	--	--	
trans-1,2-Dichloroethene	0.518	0.00239 U	0.00227 U	0.00989 U	0.00244 U	0.00272 U	0.00185 U	0.00212 U	0.00209 U	0.00236 U	0.00267 U	0.00262 U	0.00218 U	0.00226 U	
trans-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	0.00441	0.00239 U	0.00227 U	0.00989 U	0.00449	0.00272 U	0.00363	0.00212 U	0.00209 U	0.00343	0.00267 U	0.00262 U	0.00218 U	0.00226 U	
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Vinyl chloride	0.00104	0.00239 U	0.00227 U	0.00989 U	0.00244 U	0.00272 U	0.00185 U	0.00212 U	0.00209 U	0.00236 U	0.00267 U	0.00262 U	0.00218 U	0.00226 U	
Xylenes, Total ^(b)	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP12		GP13	GP14	GP15	GP16		GP17	GP18	GP19	GP20	GP21	GP22	
Sample Name		GP12-S-3.0	GP12-S-5.0	GP13-S-1.0	GP14-S-3.0	GP15-S-3.0	GP16-S-1.0	GP16-S-5.0	GP17-S-1.0	GP18-S-1.0	GP19-S-1.0	GP20-S-1.0	GP21-S-1.0	GP22-S-1.0	
Collection Date		12/13/05	12/13/05	12/14/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/13/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
Collection Depth (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
PAHs (mg/kg)															
1-Methylnaphthalene	34.5	--	--	--	--	--	--	--	--	0.0167	0.0124 U	0.012 U	--	--	
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	0.0202	0.0124 U	0.012 U	--	--	
Acenaphthene	0.5	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Anthracene	0.96	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Benzo(a)anthracene	1.3	--	--	--	--	--	--	--	--	0.0235	0.0124 U	0.012 U	--	--	
Benzo(a)pyrene	0.188	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	0.0746	0.0124 U	0.012 U	--	--	
Benzo(b,k)fluoranthene	3.2	--	--	--	--	--	--	--	--	0.137	0.0247 U	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	0.056	0.0124 U	0.012 U	--	--	
Chrysene	1.4	--	--	--	--	--	--	--	--	0.0717	0.0127	0.012 U	--	--	
Dibenzo(a,h)anthracene	0.23	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Fluoranthene	1.7	--	--	--	--	--	--	--	--	0.195	0.0245	0.012 U	--	--	
Fluorene	0.54	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Indeno(1,2,3-cd)pyrene	0.6	--	--	--	--	--	--	--	--	0.0111 U	0.0124 U	0.012 U	--	--	
Naphthalene	0.039	--	--	--	--	--	--	--	--	0.0179	0.0124 U	0.012 U	--	--	
Phenanthrene	1.5	--	--	--	--	--	--	--	--	0.109	0.0161	0.012 U	--	--	
Pyrene	2.6	--	--	--	--	--	--	--	--	0.0884	0.0203	0.012 U	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	0.268	0.0247 U	0.012 U	--	--	
Total naphthalenes ^(c)	0.039	--	--	--	--	--	--	--	--	0.0548	0.0124 U	0.012 U	--	--	
cPAH TEQ ^(d)	0.00031	--	--	--	--	--	--	--	--	0.0365	0.0107	0.012 U	--	--	
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	0.668	0.113	0.012 U	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	0.132	0.0285	0.012 U	--	--	
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range-Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 3-3
Vadose Soil Analytical Results
 Precision Engineering, Inc.
 Dick Morgan
 Seattle, Washington

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP12		GP13	GP14	GP15	GP16		GP17	GP18	GP19	GP20	GP21	GP22	
Sample Name		GP12-S-3.0	GP12-S-5.0	GP13-S-1.0	GP14-S-3.0	GP15-S-3.0	GP16-S-1.0	GP16-S-5.0	GP17-S-1.0	GP18-S-1.0	GP19-S-1.0	GP20-S-1.0	GP21-S-1.0	GP22-S-1.0	
Collection Date		12/13/05	12/13/05	12/14/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/13/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
Collection Depth (ft bgs)		3	5	1	3	3	1	5	1	1	1	1	1	1	1
TPH (mg/kg)															
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	10.7 U	--	--	--	17.7	--	11.2 U	11.6	156	52.8	198	11.2 U	--	
Oil-Range Hydrocarbons	2,000	26.6 U	--	--	--	59.1	--	28 U	63.1	742	172	301	28 U	--	
Total Diesel + Oil ⁽⁹⁾	2,000	26.6 U	--	--	--	76.8	--	28 U	74.7	898	225	499	28 U	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP24	GP25	GP26	GP27	GP28	GP29	GP30	GP31	GP32	HA1		HA2		
Sample Name		GP24-S-3.0	GP25-S-1.0	GP26-S-1.0	GP27-S-1.0	GP28-S-1.0	GP29-S-1.0	GP30-S-1.0	GP31-S-1.0	GP32-S-1.0	HA1-0.5	HA1-1.5	HA2-0.5	HA2-1.5	
Collection Date		12/14/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/14/05	12/15/05	12/15/05	12/15/05	12/15/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
Metals (mg/kg)															
Antimony	5.42	1.63 U	--	--	--	1.63 U	1.73 U	--	1.65 U	--	1.73 U	1.65 U	2.17 U	1.84 U	
Arsenic	7.3	3.06	--	--	--	1.89	5.91	--	5.72	--	3.81	2.88 J	3.94	2.71	
Beryllium	63.2	0.542 U	--	--	--	0.542 U	0.577 U	--	0.549 U	--	0.576 U	0.55 U	0.723 U	0.613 U	
Cadmium	0.77	0.542 U	--	--	--	0.542 U	0.577 U	--	0.549 U	--	0.576 U	0.55 U	0.984	0.613 U	
Chromium, Total	260	30.2	19.3	23.7	22	20.5	29.6	27.2	19.2	6,750	34.3	110	206	215	
Chromium, Hexavalent	18.4	1 U	1.8 U	2.2 U	2.2 U	2.2 U	2.4 U	2.1 U	2.1 U	3,500 J	2.9 U	6.5 J	89 J	3.2 J	
Chromium, Trivalent ^(a)	548	30.2	19.3	23.7	22	20.5	29.6	27.2	19.2	3,250 J	34.3	104 J	117 J	212 J	
Copper	36.4	16.5	--	--	--	12.6	15.6	--	40.2	--	32.8	16.2 J	70.9	28.2	
Lead	250	3.09	--	--	--	1.54	18	--	14.2	--	34.6	15.3 J	81.4	36.5	
Mercury	0.07	0.115 U	--	--	--	0.144 U	0.876	--	0.131 U	--	0.132 U	0.328	0.142 U	0.232	
Nickel	38.2	28.5	--	--	--	22.5	27	--	14.4	--	21.3	24.7 J	36	31	
Selenium	5.2	0.542 U	--	--	--	0.542 U	0.577 U	--	0.549 U	--	0.576 U	0.55 U	0.723 U	0.613 U	
Silver	0.323	0.542 U	--	--	--	0.542 U	0.577 U	--	0.549 U	--	0.576 U	0.55 U	0.723 U	0.613 U	
Thallium	0.0881	0.542 U	--	--	--	0.542 U	0.577 U	--	0.549 U	--	0.576 U	0.55 U	0.723 U	0.613 U	
Zinc	101	44.3	--	--	--	24.9	36.9	--	46.1	--	140	70.8 J	341	134	
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	38.5	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,1,1-Trichloroethane	1.49	--	--	--	--	--	--	--	--	--	0.00287 U	0.00346 U	0.00365 U	0.0023 U	
1,1,2,2-Tetrachloroethane	0.00122	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,1,2-Trichloroethane	0.00498	--	--	--	--	--	--	--	--	--	0.00143 U	0.00173 U	0.00183 U	0.00115 U	
1,1-Dichloroethane	0.0407	--	--	--	--	--	--	--	--	--	0.00229 U	0.00277 U	0.00292 U	0.00184 U	
1,1-Dichloroethene	0.044	--	--	--	--	--	--	--	--	--	0.00344 U	0.00415 U	0.00438 U	0.00277 U	
1,1-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,2,3-Trichloropropane	0.0063	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,2,4-Trichlorobenzene	0.031	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,2,4-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,2-Dibromo-3-chloropropane	1.25	--	--	--	--	--	--	--	--	--	0.0115 U	0.0138 U	0.0146 U	0.00922 U	
1,2-Dibromoethane	0.000267	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,2-Dichlorobenzene	0.036	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,2-Dichloroethane	0.0231	--	--	--	--	--	--	--	--	--	0.00143 U	0.00173 U	0.00183 U	0.00115 U	
1,2-Dichloropropane	0.0157	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,3-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
1,4-Dichlorobenzene	0.11	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
2,2-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	0.0115 U	0.0138 U	0.0146 U	0.00922 U	
2-Butanone	48,000	0.0155 U	0.0128 U	0.0121 U	0.0132 U	0.0112 U	0.0148 U	0.0169	0.0121 U	0.0142 U	0.0172 U	0.0207 U	0.0219 U	0.0138 U	
2-Chlorotoluene	1,600	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	0.0229 U	0.0277 U	0.0292 U	0.0184 U	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP24	GP25	GP26	GP27	GP28	GP29	GP30	GP31	GP32	HA1		HA2		
Sample Name		GP24-S-3.0	GP25-S-1.0	GP26-S-1.0	GP27-S-1.0	GP28-S-1.0	GP29-S-1.0	GP30-S-1.0	GP31-S-1.0	GP32-S-1.0	HA1-0.5	HA1-1.5	HA2-0.5	HA2-1.5	
Collection Date		12/14/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/14/05	12/15/05	12/15/05	12/15/05	12/15/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
4-Chlorotoluene	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
4-Isopropyltoluene	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	0.0229 U	0.0277 U	0.0292 U	0.0184 U	
Acetone	28.9	--	--	--	--	--	--	--	--	--	0.0344 U	0.0415 U	0.0438 U	0.0277 U	
Benzene	0.00875	--	--	--	--	--	--	--	--	--	0.00172 U	0.00207 U	0.00219 U	0.00138 U	
Bromobenzene	0.56	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Bromodichloromethane	0.0145	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Bromoform	0.0785	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Bromomethane	0.0503	--	--	--	--	--	--	--	--	--	0.0115 U	0.0138 U	0.0146 U	0.00922 U	
Carbon disulfide	5.04	--	--	--	--	--	--	--	--	--	0.00344 U	0.00415 U	0.00438 U	0.00277 U	
Carbon tetrachloride	0.00291	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Chlorobenzene	0.862	--	--	--	--	--	--	--	--	--	0.00229 U	0.00277 U	0.00292 U	0.00184 U	
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Chloroethane	NA	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Chloroform	0.0736	--	--	--	--	--	--	--	--	--	0.00287 U	0.00346 U	0.00365 U	0.0023 U	
Chloromethane	NA	--	--	--	--	--	--	--	--	--	0.0115 U	0.0138 U	0.0146 U	0.00922 U	
cis-1,2-Dichloroethene	0.0781	0.00309 U	0.00256 U	0.00241 U	0.00263 U	0.00224 U	0.00494	0.00287 U	0.00242 U	0.00284 U	0.00344 U	0.00415 U	0.00438 U	0.00277 U	
cis-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Dibromochloromethane	0.0117	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Dibromomethane	800	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Ethylbenzene	0.259	--	--	--	--	--	--	--	--	--	0.00458 U	0.00553 U	0.00584 U	0.00369 U	
Hexachlorobutadiene	0.0108	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Isopropylbenzene	8,000	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
m,p-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methyl tert-butyl ether	0.103	--	--	--	--	--	--	--	--	--	0.00115 U	0.00138 U	0.00146 U	0.000922 U	
Methylene chloride	0.0215	--	--	--	--	--	--	--	--	--	0.00401 U	0.00484 U	0.00511 U	0.00323 U	
Naphthalene	0.0389	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
n-Butylbenzene	4,000	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
n-Propylbenzene	8,000	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
o-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
sec-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Styrene	2.23	--	--	--	--	--	--	--	--	--	0.00115 U	0.00138 U	0.00146 U	0.000922 U	
tert-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Tetrachloroethene	0.029	--	--	--	--	--	--	--	--	--	0.00229 U	0.00277 U	0.00292 U	0.00184 U	
Toluene	0.917	--	--	--	--	--	--	--	--	--	0.00172 U	0.00207 U	0.00219 U	0.00138 U	
trans-1,2-Dichloroethene	0.518	0.00258 U	0.00213 U	0.00201 U	0.00219 U	0.00187 U	0.00247 U	0.00239 U	0.00202 U	0.00237 U	0.00287 U	0.00346 U	0.00365 U	0.0023 U	
trans-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	0.00143 U	0.00173 U	0.00183 U	0.00115 U	
Trichloroethene	0.00441	0.00258 U	0.00213 U	0.00201 U	0.00219 U	0.00187 U	0.00247 U	0.00239 U	0.00202 U	0.00237 U	0.00287 U	0.00346 U	0.00365 U	0.0023 U	
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	--	--	--	--	--	0.00573 U	0.00691 U	0.0073 U	0.00461 U	
Vinyl chloride	0.00104	0.00258 U	0.00213 U	0.00201 U	0.00219 U	0.00187 U	0.00247 U	0.00239 U	0.00202 U	0.00237 U	0.00287 U	0.00346 U	0.00365 U	0.0023 U	
Xylenes, Total ^(b)	14.2	--	--	--	--	--	--	--	--	--	0.0115 U	0.0138 U	0.0146 U	0.00922 U	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP24	GP25	GP26	GP27	GP28	GP29	GP30	GP31	GP32	HA1		HA2		
Sample Name		GP24-S-3.0	GP25-S-1.0	GP26-S-1.0	GP27-S-1.0	GP28-S-1.0	GP29-S-1.0	GP30-S-1.0	GP31-S-1.0	GP32-S-1.0	HA1-0.5	HA1-1.5	HA2-0.5	HA2-1.5	
Collection Date		12/14/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/14/05	12/15/05	12/15/05	12/15/05	12/15/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
PAHs (mg/kg)															
1-Methylnaphthalene	34.5	--	--	--	--	--	0.0119 U	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
2-Methylnaphthalene	0.67	--	--	--	--	--	0.0119 U	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Acenaphthene	0.5	--	--	--	--	--	0.0119 U	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Acenaphthylene	1.3	--	--	--	--	--	0.0119 U	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Anthracene	0.96	--	--	--	--	--	0.0137	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Benzo(a)anthracene	1.3	--	--	--	--	--	0.075	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Benzo(a)pyrene	0.188	--	--	--	--	--	0.0571	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Benzo(b)fluoranthene	NA	--	--	--	--	--	0.0611	--	0.0117 U	--	0.0151 U	0.0129 U	0.0222	0.0204	
Benzo(b,k)fluoranthene	3.2	--	--	--	--	--	0.123	--	0.0233 U	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	0.0249	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Benzo(k)fluoranthene	NA	--	--	--	--	--	0.0703	--	0.0117 U	--	0.0151 U	0.0129 U	0.0205	0.0151	
Chrysene	1.4	--	--	--	--	--	0.122	--	0.034	--	0.0151 U	0.0129 U	0.0276	0.0179	
Dibenzo(a,h)anthracene	0.23	--	--	--	--	--	0.0162	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Fluoranthene	1.7	--	--	--	--	--	0.149	--	0.0253	--	0.0196	0.0129 U	0.0455	0.0329	
Fluorene	0.54	--	--	--	--	--	0.0119 U	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Indeno(1,2,3-cd)pyrene	0.6	--	--	--	--	--	0.026	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Naphthalene	0.039	--	--	--	--	--	0.0119 U	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
Phenanthrene	1.5	--	--	--	--	--	0.0382	--	0.0153	--	0.0151 U	0.0129 U	0.018	0.0125 U	
Pyrene	2.6	--	--	--	--	--	0.156	--	0.0254	--	0.0151 U	0.0129 U	0.0334	0.024	
Total benzofluoranthenes	3.2	--	--	--	--	--	0.254	--	0.0233 U	--	0.0151 U	0.0129 U	0.0427	0.0355	
Total naphthalenes ^(c)	0.039	--	--	--	--	--	0.0119 U	--	0.0117 U	--	0.0151 U	0.0129 U	0.0176 U	0.0125 U	
cPAH TEQ ^(d)	0.00031	--	--	--	--	--	0.0955	--	0.0103	--	0.0151 U	0.0129 U	0.016	0.0119	
Total HPAHs ^(e)	12	--	--	--	--	--	0.881	--	0.137	--	0.0876	0.0129 U	0.193	0.142	
Total LPAHs ^(f)	5.2	--	--	--	--	--	0.0579	--	0.027	--	0.0151 U	0.0129 U	0.0356	0.0125 U	
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	8.9 U	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	89 U	--	
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range-Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 3-3
Vadose Soil Analytical Results
 Precision Engineering, Inc.
 Dick Morgan
 Seattle, Washington

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	GP24	GP25	GP26	GP27	GP28	GP29	GP30	GP31	GP32	HA1		HA2		
Sample Name		GP24-S-3.0	GP25-S-1.0	GP26-S-1.0	GP27-S-1.0	GP28-S-1.0	GP29-S-1.0	GP30-S-1.0	GP31-S-1.0	GP32-S-1.0	HA1-0.5	HA1-1.5	HA2-0.5	HA2-1.5	
Collection Date		12/14/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/12/05	12/14/05	12/15/05	12/15/05	12/15/05	12/15/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		3	1	1	1	1	1	1	1	1	1	0.5	1.5	0.5	1.5
TPH (mg/kg)															
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	11.4	6.57 U	8.2 U	4.79 U	
Diesel-Range Hydrocarbons	2,000	11.1 U	--	36.4	--	10.8 U	80.4	14.9	145	11.3 U	210	37.6	636	73.8	
Oil-Range Hydrocarbons	2,000	27.8 U	--	121	--	27 U	249	90.5	1,300	28.3 U	1,170	182	3,170	409	
Total Diesel + Oil ⁽⁹⁾	2,000	27.8 U	--	157	--	27 U	329	105	1,445	28.3 U	1,380	220	3,806	483	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	HA6	HA7	HA8	HA9	HA10	HA11	HA12	HA17		HA18		HA19		
Sample Name		HA6-0.5	HA7-0.5	HA8-0.5	HA9-0.5	HA10.05	HA11-0.5	HA12-.05	HA17-S-0.5	HA17-S-1.5	HA18-S-0.5	HA18-S-1.5	HA19-S-0.5	HA19-S-1.5	
Collection Date		04/18/06	04/18/06	04/18/06	04/19/06	04/19/06	04/19/06	04/19/06	04/19/06	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
Metals (mg/kg)															
Antimony	5.42	--	--	--	--	--	--	--	--	--	--	--	--	--	
Arsenic	7.3	--	--	--	--	--	--	9	6.61	5.3	5.03	2.12 U	12.7	4.02	
Beryllium	63.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Cadmium	0.77	--	--	--	--	--	--	0.48	--	--	--	--	--	--	
Chromium, Total	260	--	--	--	--	--	--	46	--	--	--	--	--	--	
Chromium, Hexavalent	18.4	3.33	0.22	0.26	3.4	0.074	0.45	--	--	--	--	--	--	--	
Chromium, Trivalent ^(a)	548	--	--	--	--	--	--	--	--	--	--	--	--	--	
Copper	36.4	--	--	--	--	--	--	39	--	--	--	--	--	--	
Lead	250	--	--	--	--	--	--	220	278	23.5	61.5	2.12 U	134	11.3	
Mercury	0.07	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nickel	38.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Selenium	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silver	0.323	--	--	--	--	--	--	--	--	--	--	--	--	--	
Thallium	0.0881	--	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	101	--	--	--	--	--	--	--	--	--	--	--	--	--	
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	38.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,1-Trichloroethane	1.49	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2,2-Tetrachloroethane	0.00122	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2-Trichloroethane	0.00498	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethane	0.0407	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethene	0.044	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	0.0063	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	0.031	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	1.25	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromoethane	0.000267	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichlorobenzene	0.036	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	0.0231	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloropropane	0.0157	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dichlorobenzene	0.11	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,2-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	48,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Chlorotoluene	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	HA6	HA7	HA8	HA9	HA10	HA11	HA12	HA17		HA18		HA19		
Sample Name		HA6-0.5	HA7-0.5	HA8-0.5	HA9-0.5	HA10.05	HA11-0.5	HA12-.05	HA17-S-0.5	HA17-S-1.5	HA18-S-0.5	HA18-S-1.5	HA19-S-0.5	HA19-S-1.5	
Collection Date		04/18/06	04/18/06	04/18/06	04/19/06	04/19/06	04/19/06	04/19/06	04/19/06	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
4-Chlorotoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Isopropyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	28.9	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene	0.00875	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromobenzene	0.56	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromodichloromethane	0.0145	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromoform	0.0785	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromomethane	0.0503	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon disulfide	5.04	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon tetrachloride	0.00291	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobenzene	0.862	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroform	0.0736	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,2-Dichloroethene	0.0781	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromochloromethane	0.0117	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromomethane	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Ethylbenzene	0.259	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobutadiene	0.0108	--	--	--	--	--	--	--	--	--	--	--	--	--	
Isopropylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
m,p-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methyl tert-butyl ether	0.103	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	0.0215	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.0389	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Butylbenzene	4,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
sec-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Styrene	2.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
tert-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Tetrachloroethene	0.029	--	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	0.917	--	--	--	--	--	--	--	--	--	--	--	--	--	
trans-1,2-Dichloroethene	0.518	--	--	--	--	--	--	--	--	--	--	--	--	--	
trans-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	0.00441	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Vinyl chloride	0.00104	--	--	--	--	--	--	--	--	--	--	--	--	--	
Xylenes, Total ^(b)	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	HA6	HA7	HA8	HA9	HA10	HA11	HA12	HA17		HA18		HA19		
Sample Name		HA6-0.5	HA7-0.5	HA8-0.5	HA9-0.5	HA10.05	HA11-0.5	HA12-.05	HA17-S-0.5	HA17-S-1.5	HA18-S-0.5	HA18-S-1.5	HA19-S-0.5	HA19-S-1.5	
Collection Date		04/18/06	04/18/06	04/18/06	04/19/06	04/19/06	04/19/06	04/19/06	04/19/06	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
PAHs (mg/kg)															
1-Methylnaphthalene	34.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthene	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	
Anthracene	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.188	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	0.54	--	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.039	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	2.6	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.039	--	--	--	--	--	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.00031	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range-Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	HA6	HA7	HA8	HA9	HA10	HA11	HA12	HA17		HA18		HA19		
Sample Name		HA6-0.5	HA7-0.5	HA8-0.5	HA9-0.5	HA10.05	HA11-0.5	HA12-.05	HA17-S-0.5	HA17-S-1.5	HA18-S-0.5	HA18-S-1.5	HA19-S-0.5	HA19-S-1.5	
Collection Date		04/18/06	04/18/06	04/18/06	04/19/06	04/19/06	04/19/06	04/19/06	04/19/06	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	1.5	0.5	1.5
TPH (mg/kg)															
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Diesel + Oil ⁽⁹⁾	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	HA20		HA21		HA23		HA24		HA25		P2	P3	
Sample Name		HA20-S-0.5	HA20-S-1.5	HA21-S-0.5	HA21-S-1.5	HA23-S-0.5	HA23-S-1.5	HA24-S-0.5	HA24-S-1.5	HA25-S-0.5	HA25-S-1.5	P2	P3	
Collection Date		01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	10/24/07	10/24/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5
Collection Depth (ft bgs)		0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5
Metals (mg/kg)														
Antimony	5.42	--	--	--	--	--	--	--	--	--	--	--	--	
Arsenic	7.3	2.02 U	1.81 U	5.72	5.83	4.44	4.91	4.9	5.23	11.6	11.8	15.7	13.3	
Beryllium	63.2	--	--	--	--	--	--	--	--	--	--	--	--	
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Total	260	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Hexavalent	18.4	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Trivalent ^(a)	548	--	--	--	--	--	--	--	--	--	--	--	--	
Copper	36.4	--	--	--	--	--	--	--	--	--	--	--	--	
Lead	250	27.9	8.91	398	121	26.9	20.5	63.9	24.3	302	15.5	200	202	
Mercury	0.07	--	--	--	--	--	--	--	--	--	--	--	--	
Nickel	38.2	--	--	--	--	--	--	--	--	--	--	--	--	
Selenium	5.2	--	--	--	--	--	--	--	--	--	--	--	--	
Silver	0.323	--	--	--	--	--	--	--	--	--	--	--	--	
Thallium	0.0881	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	101	--	--	--	--	--	--	--	--	--	--	--	--	
VOCs (mg/kg)														
1,1,1,2-Tetrachloroethane	38.5	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,1-Trichloroethane	1.49	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2,2-Tetrachloroethane	0.00122	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2-Trichloroethane	0.00498	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethane	0.0407	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethene	0.044	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	0.0063	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	0.031	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	1.25	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromoethane	0.000267	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichlorobenzene	0.036	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	0.0231	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloropropane	0.0157	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dichlorobenzene	0.11	--	--	--	--	--	--	--	--	--	--	--	--	
2,2-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	48,000	--	--	--	--	--	--	--	--	--	--	--	--	
2-Chlorotoluene	1,600	--	--	--	--	--	--	--	--	--	--	--	--	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL	HA20		HA21		HA23		HA24		HA25		P2	P3
		HA20-S-0.5	HA20-S-1.5	HA21-S-0.5	HA21-S-1.5	HA23-S-0.5	HA23-S-1.5	HA24-S-0.5	HA24-S-1.5	HA25-S-0.5	HA25-S-1.5	P2	P3
Sample Name	Vadose Zone	01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	10/24/07	10/24/07
Collection Date	Potable GW	N	N	N	N	N	N	N	N	N	N	N	N
Sample Type	SL #s 1-4, 8, 10 ⁽¹⁾	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	0.5
Collection Depth Interval (ft bgs)		0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	0.5
Collection Depth (ft bgs)													
4-Chlorotoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--
4-Isopropyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	28.9	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.00875	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	0.56	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.0145	--	--	--	--	--	--	--	--	--	--	--	--
Bromoform	0.0785	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	0.0503	--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	5.04	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.00291	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	0.862	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.0736	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	0.0781	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.0117	--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	800	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	0.259	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	0.0108	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	0.103	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	0.0215	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	0.0389	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	4,000	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	2.23	--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	0.029	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	0.917	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	0.518	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.00441	--	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.00104	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total ^(b)	14.2	--	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	HA20		HA21		HA23		HA24		HA25		P2	P3	
Sample Name		HA20-S-0.5	HA20-S-1.5	HA21-S-0.5	HA21-S-1.5	HA23-S-0.5	HA23-S-1.5	HA24-S-0.5	HA24-S-1.5	HA25-S-0.5	HA25-S-1.5	P2	P3	
Collection Date		01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	10/24/07	10/24/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5
Collection Depth (ft bgs)		0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5
PAHs (mg/kg)														
1-Methylnaphthalene	34.5	--	--	--	--	--	--	--	--	--	--	--	--	
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthene	0.5	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	
Anthracene	0.96	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.188	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	3.2	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	1.4	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.23	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	1.7	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	0.54	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.6	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.039	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	2.6	--	--	--	--	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.039	--	--	--	--	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.00031	--	--	--	--	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	--	--	--	--	
EPH (mg/kg)														
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)														
Gasoline-Range-Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	

Table 3-3
Vadose Soil Analytical Results
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	HA20		HA21		HA23		HA24		HA25		P2	P3	
Sample Name		HA20-S-0.5	HA20-S-1.5	HA21-S-0.5	HA21-S-1.5	HA23-S-0.5	HA23-S-1.5	HA24-S-0.5	HA24-S-1.5	HA25-S-0.5	HA25-S-1.5	P2	P3	
Collection Date		01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	10/24/07	10/24/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5
Collection Depth (ft bgs)		0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5
TPH (mg/kg)														
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	--	
Total Diesel + Oil ⁽⁹⁾	2,000	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	P4	P5	P6	P7	P8	P10	SB3	SS1	SS2	SS3		SS4	SS5	
Sample Name		P4	P5	P6	P7	P8	P10	SB3-2	SS1-6	SS2-6	SS3-6	SS3-18	SS4-6	SS5-6	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/25/07	08/08/14	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	2-3	0.5	0.5	0.5	1.5	0.5	0.5	
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	1.5	0.5	0.5	
Metals (mg/kg)															
Antimony	5.42	--	--	--	--	--	--	--	--	--	--	--	--	--	
Arsenic	7.3	11.6	9.54	9.05	19.9	13.8	15.6	--	2.64	4.82	37	6.79	3.58	4.43	
Beryllium	63.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Total	260	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Hexavalent	18.4	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Trivalent ^(a)	548	--	--	--	--	--	--	--	--	--	--	--	--	--	
Copper	36.4	--	--	--	--	--	--	--	--	--	--	--	--	--	
Lead	250	103	64.6	108	196	76.8	365	--	120	75.2	668	230	18.5	44	
Mercury	0.07	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nickel	38.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Selenium	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silver	0.323	--	--	--	--	--	--	--	--	--	--	--	--	--	
Thallium	0.0881	--	--	--	--	--	--	--	--	--	--	--	--	--	
Zinc	101	--	--	--	--	--	--	--	--	--	--	--	--	--	
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	38.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,1-Trichloroethane	1.49	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2,2-Tetrachloroethane	0.00122	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1,2-Trichloroethane	0.00498	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethane	0.0407	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloroethene	0.044	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,1-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,3-Trichloropropane	0.0063	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trichlorobenzene	0.031	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2,4-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-chloropropane	1.25	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromoethane	0.000267	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichlorobenzene	0.036	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	0.0231	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloropropane	0.0157	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,4-Dichlorobenzene	0.11	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,2-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	48,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Chlorotoluene	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	P4	P5	P6	P7	P8	P10	SB3	SS1	SS2	SS3		SS4	SS5	
Sample Name		P4	P5	P6	P7	P8	P10	SB3-2	SS1-6	SS2-6	SS3-6	SS3-18	SS4-6	SS5-6	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/25/07	08/08/14	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2-3	0.5	0.5	0.5	1.5	0.5	0.5
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	1.5	0.5	0.5
4-Chlorotoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Isopropyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	28.9	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene	0.00875	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromobenzene	0.56	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromodichloromethane	0.0145	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromoform	0.0785	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromomethane	0.0503	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon disulfide	5.04	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon tetrachloride	0.00291	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobenzene	0.862	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloroform	0.0736	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,2-Dichloroethene	0.0781	--	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromochloromethane	0.0117	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromomethane	800	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Ethylbenzene	0.259	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobutadiene	0.0108	--	--	--	--	--	--	--	--	--	--	--	--	--	
Isopropylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
m,p-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methyl tert-butyl ether	0.103	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	0.0215	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.0389	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Butylbenzene	4,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
o-Xylene	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
sec-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Styrene	2.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
tert-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Tetrachloroethene	0.029	--	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	0.917	--	--	--	--	--	--	--	--	--	--	--	--	--	
trans-1,2-Dichloroethene	0.518	--	--	--	--	--	--	--	--	--	--	--	--	--	
trans-1,3-Dichloropropene	0.00229	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	0.00441	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Vinyl chloride	0.00104	--	--	--	--	--	--	--	--	--	--	--	--	--	
Xylenes, Total ^(b)	14.2	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	P4	P5	P6	P7	P8	P10	SB3	SS1	SS2	SS3		SS4	SS5	
Sample Name		P4	P5	P6	P7	P8	P10	SB3-2	SS1-6	SS2-6	SS3-6	SS3-18	SS4-6	SS5-6	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/25/07	08/08/14	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2-3	0.5	0.5	0.5	1.5	0.5	0.5
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	1.5	0.5	0.5
PAHs (mg/kg)															
1-Methylnaphthalene	34.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthene	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	
Anthracene	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.188	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	0.54	--	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.039	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	2.6	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.039	--	--	--	--	--	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.00031	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range-Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Vadose Zone Potable GW SL #s 1-4, 8, 10 ⁽¹⁾	P4	P5	P6	P7	P8	P10	SB3	SS1	SS2	SS3		SS4	SS5	
Sample Name		P4	P5	P6	P7	P8	P10	SB3-2	SS1-6	SS2-6	SS3-6	SS3-18	SS4-6	SS5-6	
Collection Date		10/24/07	10/24/07	10/24/07	10/24/07	10/24/07	10/25/07	08/08/14	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07	11/19/07
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2-3	0.5	0.5	0.5	1.5	0.5	0.5
Collection Depth (ft bgs)		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	1.5	0.5	0.5
TPH (mg/kg)															
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	--	--	--	--	--	--	10,000	--	--	--	--	--	--	
Oil-Range Hydrocarbons	2,000	--	--	--	--	--	--	12,000	--	--	--	--	--	--	
Total Diesel + Oil ⁽⁹⁾	2,000	--	--	--	--	--	--	22,000	--	--	--	--	--	--	

NOTES:

Lower Duwamish Waterway PCUL number SL-9, the site-specific terrestrial ecological evaluation PCUL, was removed from consideration because the simplified terrestrial ecological evaluation was ended.

Shading (color key below) indicates values that exceed screening criteria; non-detects ("U") were compared with screening criteria.

Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8,10 - Detected

Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8,10 - Not Detected

-- = not analyzed.

B = the analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

cPAH = carcinogenic PAH.

EPH = extractable petroleum hydrocarbons.

FD = field duplicate sample.

ft bgs = feet below ground surface.

GW = groundwater.

HPAH = high-molecular-weight PAH.

J = result is estimated.

LPAH = low-molecular-weight PAH.

mg/kg = milligrams per kilogram.

N = normal field sample.

NA = not applicable.

ND = non-detect.

PAH = polycyclic aromatic hydrocarbon.

PCUL = preliminary cleanup level.

SL = screening level.

TEE = terrestrial ecological evaluation.

TEF = toxic equivalency factor.

TEQ = toxic equivalency quotient.

TPH = total petroleum hydrocarbons.

U = result is non-detect to method detection limit or method reporting limit.

VOC = volatile organic compound.

^(a)Trivalent chromium concentrations were calculated by subtracting the hexavalent chromium value from the total chromium value. If hexavalent chromium was non-detect, then the trivalent chromium value was assumed to be equal to the entire total chromium

^(b)Total xylenes are reported from the lab or are the sum of m,p- and o-xylene. Non-detect results are summed at one-half the reporting limit. When both results are non-detect, the highest reporting limit is used.

^(c)Total naphthalenes is the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene. Non-detect results are summed at one-half the reporting limit. When both results are non-detect, the highest reporting limit is used.

^(d)cPAH TEQ values are based on toxic equivalence factors from Washington State Department of Ecology Evaluating the Human Health Toxicity of cPAHs Using TEFs. 2015. Non-detect results are summed according to frequency of detection in soil: analytes detected at least once at the Site are summed at one-half the reporting limit multiplied by the associated TEF; analytes never detected at the Site are not included in the TEQ calculation. If all results are non-detect, the highest reporting limit is used.

^(e)Total HPAHs is the sum of benz(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-c,d)pyrene, pyrene, and total benzofluoranthenes. Non-detect results are summed according to frequency of detection in soil: analytes detected at least once at the Site are summed at one-half the reporting limit; analytes never detected at the Site are not included in the sum. If all results are non-detect, the highest reporting limit is used.

^(f)Total LPAHs is the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene. Non-detect results are summed according to frequency of detection in soil: analytes detected at least once at the Site are summed at one-half the reporting limit; analytes never detected at the Site are not included in the sum. If all results are non-detect, the highest reporting limit is used.

^(g)Total diesel+oil is the sum of diesel- and oil-range hydrocarbons. Non-detect results are summed at one-half the reported detection limit. When both results are non-detect, the highest detection limit is used.

REFERENCE:

⁽¹⁾Ecology. 2020. Lower Duwamish Waterway preliminary cleanup level workbook. Washington State Department of Ecology, Toxics Cleanup Program, Olympia, Washington. Revised May 20.

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP1		GP2	GP3		GP5		GP6	GP7	GP10	GP11	GP13	GP14	
Sample Name		GP1-S-6.0	GP1-S-10.0	GP2-S-10.0	GP3-S-6.0	GP3-S-14	GP5-S-8.0	GP5-S-14.0	GP6-S-14.5	GP7-S-8.0	GP10-S-13.5	GP11-S-6.5	GP13-S-6.0	GP14-S-6.0	
Collection Date		06/07/05	06/09/05	06/09/05	06/09/05	06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/17/05	06/17/05	12/14/05	12/13/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Collection Depth (ft bgs)		6	10	10	6	14	8	14	14.5	8	13.5	6.5	6	6	
Metals (mg/kg)															
Arsenic	7.3	4.99 U	--	--	--	--	--	--	--	--	--	--	--	--	
Cadmium	0.77	0.499 U	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Total	260	147	73.5	24.9	1,100	941	--	20.1	259	21	24.1	17.3	46.6	31.4	
Chromium, Hexavalent	0.93	31.8	14.4	0.109 U	49.8	34.4	--	0.115 U	0.181	0.113 U	0.106 U	0.37	1.3 U	1.2 J	
Chromium, Trivalent ^(a)	27	115	59.1	24.9	1,050	907	--	20.1	259	21	24.1	16.9	46.6	30.2 J	
Lead	81	2 U	--	2.11 U	--	--	--	--	--	--	--	--	--	--	
Selenium	0.26	--	--	--	--	--	--	--	--	--	--	--	--	--	
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	38	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,1,1-Trichloroethane	0.084	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
1,1,2,2-Tetrachloroethane	0.00008	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
1,1,2-Trichloroethane	0.00033	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,1-Dichloroethane	0.0026	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,1-Dichloroethene	0.0024	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
1,1-Dichloropropene	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,2,3-Trichlorobenzene	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,2,3-Trichloropropane	0.0063	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
1,2,4-Trichlorobenzene	0.0019	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,2,4-Trimethylbenzene	800	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,2-Dibromo-3-chloropropane	1.3	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,2-Dibromoethane	0.000018	0.00112 U	0.0014 U	0.00161 U	0.00164 U	0.00141 U	0.00129 U	0.00148 U	0.00151 U	0.00162 U	0.00146 U	0.00158 U	--	--	
1,2-Dichlorobenzene	0.0031	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,2-Dichloroethane	0.0016	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
1,2-Dichloropropane	0.001	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
1,3,5-Trichlorobenzene	NA	0.00112 U	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,3-Dichlorobenzene	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
1,3-Dichloropropane	NA	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
1,4-Dichlorobenzene	0.0081	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
2,2-Dichloropropane	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
2-Butanone	48,000	--	--	--	--	--	--	--	--	--	--	--	0.0476	0.0157 U	
2-Chloroethylvinyl ether	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Chlorotoluene	1,600	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--	--	
4-Chlorotoluene	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
4-Isopropyltoluene	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acetone	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acrolein	40	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acrylonitrile	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene	0.00056	0.00255	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
Bromobenzene	0.033	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP1		GP2	GP3		GP5		GP6	GP7	GP10	GP11	GP13	GP14	
Sample Name		GP1-S-6.0	GP1-S-10.0	GP2-S-10.0	GP3-S-6.0	GP3-S-14	GP5-S-8.0	GP5-S-14.0	GP6-S-14.5	GP7-S-8.0	GP10-S-13.5	GP11-S-6.5	GP13-S-6.0	GP14-S-6.0	
Collection Date		06/07/05	06/09/05	06/09/05	06/09/05	06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/17/05	06/17/05	12/14/05	12/13/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Collection Depth (ft bgs)	6	10	10	6	14	8	14	14.5	8	13.5	6.5	6	6		
Bromodichloromethane	0.00096	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Bromoethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bromoform	0.005	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Bromomethane	0.0033	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Carbon disulfide	0.27	--	--	--	--	--	--	--	--	--	--	--	--	--	
Carbon tetrachloride	0.00015	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
Chlorobenzene	0.051	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Chlorobromomethane	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Chloroethane	NA	0.00112 U	0.0765 U	0.0881 U	0.0896 U	0.0771 U	0.0703 U	0.081 U	0.0828 U	0.0884 U	0.0796 U	0.0861 U	--	--	
Chloroform	0.0048	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Chloromethane	NA	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
cis-1,2-Dichloroethene	0.0052	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.149	0.0442 U	0.0398 U	0.0788	0.00347 U	0.00315 U	
cis-1,3-Dichloropropene	0.00014	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Dibromochloromethane	0.00077	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Dibromomethane	800	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Dichlorodifluoromethane (Freon 12)	16,000	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Ethylbenzene	0.015	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Freon 113	2,400,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hexachlorobutadiene	0.00054	0.00112 U	--	--	--	--	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Isopropylbenzene	8,000	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
m,p-Xylene	0.83	0.00224 U	0.0765 U	0.0881 U	0.0896 U	0.0771 U	0.0703 U	0.081 U	0.0828 U	0.0884 U	0.0796 U	0.0861 U	--	--	
Methyl iodide	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	0.0015	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
Naphthalene	0.0021	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
n-Butylbenzene	4,000	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
n-Propylbenzene	8,000	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
o-Xylene	0.83	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
sec-Butylbenzene	8,000	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Styrene	0.12	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
tert-Butylbenzene	8,000	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Tetrachloroethene	0.0016	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	--	--	
Toluene	0.055	0.00162	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
trans-1,2-Dichloroethene	0.032	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	0.00289 U	0.00262 U	
trans-1,3-Dichloropropene	0.00014	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	0.00027	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	1.16	0.00884 U	0.00796 U	0.281	0.00289 U	0.00262 U	
Trichlorofluoromethane (Freon 11)	24,000	0.00112 U	0.0382 U	0.044 U	0.0448 U	0.0385 U	0.0351 U	0.0405 U	0.0414 U	0.0442 U	0.0398 U	0.043 U	--	--	
Vinyl acetate	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	
Vinyl chloride	0.000055	0.00112 U	0.00765 U	0.00881 U	0.00896 U	0.00771 U	0.00703 U	0.0081 U	0.00828 U	0.00884 U	0.00796 U	0.00861 U	0.00289 U	0.00262 U	
Xylenes, Total ^(b)	0.83	0.00224 U	0.0765 U	0.0881 U	0.0896 U	0.0771 U	0.0703 U	0.081 U	0.0828 U	0.0884 U	0.0796 U	0.0861 U	--	--	
PAHs (mg/kg)															
1-Methylnaphthalene	34	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP1		GP2	GP3		GP5		GP6	GP7	GP10	GP11	GP13	GP14	
Sample Name		GP1-S-6.0	GP1-S-10.0	GP2-S-10.0	GP3-S-6.0	GP3-S-14	GP5-S-8.0	GP5-S-14.0	GP6-S-14.5	GP7-S-8.0	GP10-S-13.5	GP11-S-6.5	GP13-S-6.0	GP14-S-6.0	
Collection Date		06/07/05	06/09/05	06/09/05	06/09/05	06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/17/05	06/17/05	12/14/05	12/13/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Collection Depth (ft bgs)	6	10	10	6	14	8	14	14.5	8	13.5	6.5	6	6		
Acenaphthene	0.028	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	
Anthracene	0.051	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	0.068	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.084	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	0.074	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.012	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	0.09	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	0.029	--	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.032	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.0021	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	0.14	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.0021	--	--	--	--	--	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.000016	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range Hydrocarbons	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	
Diesel-Range Hydrocarbons	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	
Oil-Range Hydrocarbons	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	
TPH (mg/kg)															
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	12.8 U	10.8 U	
Oil-Range Hydrocarbons	2,000	--	--	--	--	--	--	--	--	--	--	--	56.1	26.9 U	
Total Diesel + Oil ^(g)	2,000	--	--	--	--	--	--	--	--	--	--	--	62.5	26.9 U	

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP15	GP17	GP19	GP20	GP21	GP22	GP23		GP24	GP25	GP26	GP27
Sample Name		GP15-S-6.0	GP17-S-6.0	GP19-S-7.0	GP20-S-6.0	GP21-S-6.5	GP22-S-10.0	GP23-S-7.0	GP23-S-10.5	GP24-S-6.5	GP25-S-7.0	GP26-S-9.5	GP27-S-13.0
Collection Date		12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/13/05	12/14/05	12/14/05	12/14/05	12/12/05	12/12/05	12/12/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Collection Depth (ft bgs)		6	6	7	6	6.5	10	7	10.5	6.5	7	9.5	13
Metals (mg/kg)													
Arsenic	7.3	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, Total	260	20.2	1,660	27.1	24.5	23	32.1	23.3	979	29.3	19.8	24	18.6
Chromium, Hexavalent	0.93	1.2 U	60 J	2.7 U	1.5 U	1.3 U	1.3 U	1.1 U	1.2 U	2.4 U	1.7 U	2.1 U	2.1 U
Chromium, Trivalent ^(a)	27	20.2	1,600 J	27.1	24.5	23	32.1	23.3	979	29.3	19.8	24	18.6
Lead	81	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	0.26	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	38	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.084	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.00008	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.00033	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	0.0026	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	0.0024	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.0063	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	0.0019	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	1.3	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.000018	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	0.0031	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.0016	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.001	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	800	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.0081	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	NA	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	48,000	0.063 U	0.0223	0.0163 U	0.0663	0.0667	0.0128	0.0108 U	0.0136 U	0.017 U	0.0148 U	0.0159 U	0.0123 U
2-Chloroethylvinyl ether	NA	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	1,600	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	400	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--
4-Isopropyltoluene	NA	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	6,400	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	2.1	--	--	--	--	--	--	--	--	--	--	--	--
Acrolein	40	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	1.9	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.00056	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	0.033	--	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP15	GP17	GP19	GP20	GP21	GP22	GP23		GP24	GP25	GP26	GP27
Sample Name		GP15-S-6.0	GP17-S-6.0	GP19-S-7.0	GP20-S-6.0	GP21-S-6.5	GP22-S-10.0	GP23-S-7.0	GP23-S-10.5	GP24-S-6.5	GP25-S-7.0	GP26-S-9.5	GP27-S-13.0
Collection Date		12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/13/05	12/14/05	12/14/05	12/14/05	12/12/05	12/12/05	12/12/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Collection Depth (ft bgs)	6	6	7	6	6.5	10	7	10.5	6.5	7	9.5	13	
Bromodichloromethane	0.00096	--	--	--	--	--	--	--	--	--	--	--	--
Bromoethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
Bromoform	0.005	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	0.0033	--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	0.27	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.00015	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	0.051	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.0048	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	NA	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	0.0052	0.0126 U	0.00272 U	0.00326 U	0.00542 U	0.00335 U	0.00227 U	0.00216 U	0.00272 U	0.0034 U	0.00297 U	0.00318 U	0.00245 U
cis-1,3-Dichloropropene	0.00014	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.00077	--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	800	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	0.015	--	--	--	--	--	--	--	--	--	--	--	--
Freon 113	2,400,000	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	0.00054	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	0.83	--	--	--	--	--	--	--	--	--	--	--	--
Methyl iodide	NA	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	0.0015	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	0.0021	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	4,000	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	0.83	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	0.12	--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	8,000	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	0.0016	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	0.055	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	0.032	0.0105 U	0.00227 U	0.00272 U	0.00452 U	0.00279 U	0.00189 U	0.0018 U	0.00227 U	0.00283 U	0.00247 U	0.00265 U	0.00205 U
trans-1,3-Dichloropropene	0.00014	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.00027	0.0105 U	0.00227 U	0.00272 U	0.00452 U	0.00279 U	0.00189 U	0.0018 U	0.00227 U	0.00283 U	0.00247 U	0.00265 U	0.00205 U
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl acetate	2.3	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.000055	0.0105 U	0.00227 U	0.00272 U	0.00452 U	0.00279 U	0.00189 U	0.0018 U	0.00227 U	0.00283 U	0.00247 U	0.00265 U	0.00205 U
Xylenes, Total ^(b)	0.83	--	--	--	--	--	--	--	--	--	--	--	--
PAHs (mg/kg)													
1-Methylnaphthalene	34	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
2-Methylnaphthalene	0.67	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP15	GP17	GP19	GP20	GP21	GP22	GP23		GP24	GP25	GP26	GP27
Sample Name		GP15-S-6.0	GP17-S-6.0	GP19-S-7.0	GP20-S-6.0	GP21-S-6.5	GP22-S-10.0	GP23-S-7.0	GP23-S-10.5	GP24-S-6.5	GP25-S-7.0	GP26-S-9.5	GP27-S-13.0
Collection Date		12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/13/05	12/14/05	12/14/05	12/14/05	12/12/05	12/12/05	12/12/05
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Collection Depth (ft bgs)	6	6	7	6	6.5	10	7	10.5	6.5	7	9.5	13	
Acenaphthene	0.028	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Acenaphthylene	1.3	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Anthracene	0.051	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Benzo(a)anthracene	0.068	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Benzo(a)pyrene	0.084	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Benzo(b)fluoranthene	NA	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Benzo(b,k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	0.67	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Benzo(k)fluoranthene	NA	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Chrysene	0.074	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.012	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Fluoranthene	0.09	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Fluorene	0.029	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.032	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Naphthalene	0.0021	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Phenanthrene	1.5	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Pyrene	0.14	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Total benzofluoranthenes	3.2	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Total naphthalenes ^(c)	0.0021	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
cPAH TEQ ^(d)	0.000016	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Total HPAHs ^(e)	12	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
Total LPAHs ^(f)	5.2	--	--	--	0.0139 U	0.0129 U	--	--	--	--	--	--	--
EPH (mg/kg)													
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	260 U	--	--	--	--	--	--	--
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	260 U	--	--	--	--	--	--	--
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	260 U	--	--	--	--	--	--	--
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	411	--	--	--	--	--	--	--
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	6460	--	--	--	--	--	--	--
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	13 U	--	--	--	--	--	--	--
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	13 U	--	--	--	--	--	--	--
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	13 U	--	--	--	--	--	--	--
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	102	--	--	--	--	--	--	--
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	576	--	--	--	--	--	--	--
Total Extractable Hydrocarbons	NA	--	--	--	--	7550	--	--	--	--	--	--	--
Hydrocarbon Identification (Presence/Absence)													
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--
TPH (mg/kg)													
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	2,000	--	--	14.5 U	75.9	5,270	11.3 U	10.8 U	--	--	10.6 U	10.8 U	10.9 U
Oil-Range Hydrocarbons	2,000	--	--	56.7	294	19,900	28.2 U	26.9 U	--	--	26.6 U	27.1 U	27.2 U
Total Diesel + Oil ^(g)	2,000	--	--	64.0	370	25,200	28.2 U	26.9 U	--	--	26.6 U	27.1 U	27.2 U

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP28	GP29	GP30	GP31	MW9			MW11		SB1	SB3	SB4	
Sample Name		GP28-S-7.0	GP29-S-6.0	GP30-S-6.0	GP31-S-6.0	MW9-18-19	MW9-32.5-33.5	MW9-38-39	MW11-18-19	MW100	SB1-5	SB3-8	SB4-5	SB4-20
Collection Date		12/12/05	12/12/05	12/12/05	12/12/05	08/16/14	08/16/14	08/16/14	08/16/14	08/16/14	08/08/14	08/08/14	08/07/14	08/07/14
Sample Type		N	N	N	N	N	N	N	N	FD	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	18-19	32.5-33.5	38-39	18-19	18-19	5-6	8-9	5-6	20-21
Collection Depth (ft bgs)		7	6	6	6	18.5	33	38.5	18.5	18.5	5.5	8.5	5.5	20.5
Metals (mg/kg)														
Arsenic	7.3	--	--	--	--	10	5 U	5 U	6 U	5 U	5 U	6 U	7	6
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, Total	260	22.4	31.9	32.7	23.6	19	17.8	32.3	38	37.8	48.7	67.3	22.7	14.9
Chromium, Hexavalent	0.93	1.8 U	2.6 U	2.4 U	3 U	0.492 U	0.448 U	0.471 U	0.455 U	0.448 U	0.44 U	0.452 U	0.572 U	0.482 U
Chromium, Trivalent ^(a)	27	22.4	31.9	32.7	23.6	19	17.8	32.3	38	37.8	48.7	67.3	22.7	14.9
Lead	81	--	--	--	--	6 U	2 U	2 U	2	2 U	2 U	2 U	11	2 U
Selenium	0.26	--	--	--	--	10 U	5 U	5 U	6 U	5 U	5 U	6 U	6 U	6 U
VOCs (mg/kg)														
1,1,1,2-Tetrachloroethane	38	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,1,1-Trichloroethane	0.084	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,1,2,2-Tetrachloroethane	0.00008	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,1,2-Trichloroethane	0.00033	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,1-Dichloroethane	0.0026	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,1-Dichloroethene	0.0024	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,1-Dichloropropene	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,2,3-Trichlorobenzene	NA	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
1,2,3-Trichloropropane	0.0063	--	--	--	--	0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.0021 U	0.002 U	0.0015 U	0.0035 U	0.0022 U
1,2,4-Trichlorobenzene	0.0019	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
1,2,4-Trimethylbenzene	800	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,2-Dibromo-3-chloropropane	1.3	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
1,2-Dibromoethane	0.000018	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,2-Dichlorobenzene	0.0031	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,2-Dichloroethane	0.0016	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,2-Dichloropropane	0.001	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	800	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,3-Dichlorobenzene	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,3-Dichloropropane	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
1,4-Dichlorobenzene	0.0081	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
2,2-Dichloropropane	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
2-Butanone	48,000	0.013 U	0.0146 U	0.0526	0.0568	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
2-Chloroethylvinyl ether	NA	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
2-Chlorotoluene	1,600	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
2-Hexanone	400	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
4-Chlorotoluene	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
4-Isopropyltoluene	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
4-Methyl-2-pentanone	6,400	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
Acetone	2.1	--	--	--	--	0.028	0.0086	0.016	0.013	0.016	0.015 J	0.025 J	0.032 J	0.036 J
Acrolein	40	--	--	--	--	0.051 U	0.047 U	0.048 U	0.044 U	0.053 U	0.049 U	0.037 U	0.088 U	0.055 U
Acrylonitrile	1.9	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
Benzene	0.00056	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Bromobenzene	0.033	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP28	GP29	GP30	GP31	MW9			MW11		SB1	SB3	SB4	
Sample Name		GP28-S-7.0	GP29-S-6.0	GP30-S-6.0	GP31-S-6.0	MW9-18-19	MW9-32.5-33.5	MW9-38-39	MW11-18-19	MW100	SB1-5	SB3-8	SB4-5	SB4-20
Collection Date		12/12/05	12/12/05	12/12/05	12/12/05	08/16/14	08/16/14	08/16/14	08/16/14	08/16/14	08/08/14	08/08/14	08/07/14	08/07/14
Sample Type		N	N	N	N	N	N	N	N	FD	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	18-19	32.5-33.5	38-39	18-19	18-19	5-6	8-9	5-6	20-21
Collection Depth (ft bgs)	7	6	6	6	18.5	33	38.5	18.5	18.5	5.5	8.5	5.5	20.5	
Bromodichloromethane	0.00096	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Bromoethane	NA	--	--	--	--	0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.0021 U	0.002 U	0.0015 U	0.0035 U	0.0022 U
Bromoform	0.005	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Bromomethane	0.0033	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Carbon disulfide	0.27	--	--	--	--	0.0018 J	0.0009 U	0.0016 J	0.001 J	0.0011 U	0.001 U	0.012 J	0.0045 J	0.0063 J
Carbon tetrachloride	0.00015	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Chlorobenzene	0.051	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Chlorobromomethane	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Chloroethane	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Chloroform	0.0048	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Chloromethane	NA	--	--	--	--	0.001 U	0.0009 U	0.0015	0.0009 U	0.0018	0.001 U	0.0007 U	0.0018 U	0.0011 U
cis-1,2-Dichloroethene	0.0052	0.00261 U	0.00996	0.00399 U	0.00409 U	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
cis-1,3-Dichloropropene	0.00014	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Dibromochloromethane	0.00077	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Dibromomethane	800	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	0.015	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Freon 113	2,400,000	--	--	--	--	0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.0021 U	0.002 U	0.0015 U	0.0035 U	0.0022 U
Hexachlorobutadiene	0.00054	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
Isopropylbenzene	8,000	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
m,p-Xylene	0.83	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Methyl iodide	NA	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Methylene chloride	0.0015	--	--	--	--	0.0051 B	0.0055 B	0.0055 B	0.005 B	0.0041 B	0.002 U	0.0024	0.0039	0.0028
Naphthalene	0.0021	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
n-Butylbenzene	4,000	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
n-Propylbenzene	8,000	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
o-Xylene	0.83	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
sec-Butylbenzene	8,000	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Styrene	0.12	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
tert-Butylbenzene	8,000	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Tetrachloroethene	0.0016	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Toluene	0.055	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
trans-1,2-Dichloroethene	0.032	0.00217 U	0.00243 U	0.00332 U	0.00341 U	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
trans-1,3-Dichloropropene	0.00014	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
Trichloroethene	0.00027	0.00217 U	0.00243 U	0.00332 U	0.00341 U	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Trichlorofluoromethane (Freon 11)	24,000	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Vinyl acetate	2.3	--	--	--	--	0.0051 U	0.0047 U	0.0048 U	0.0044 U	0.0053 U	0.0049 U	0.0037 U	0.0088 U	0.0055 U
Vinyl chloride	0.000055	0.00217 U	0.00243 U	0.00332 U	0.00341 U	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
Xylenes, Total ^(b)	0.83	--	--	--	--	0.001 U	0.0009 U	0.001 U	0.0009 U	0.0011 U	0.001 U	0.0007 U	0.0018 U	0.0011 U
PAHs (mg/kg)														
1-Methylnaphthalene	34	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	0.67	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	--

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	GP28	GP29	GP30	GP31	MW9			MW11		SB1	SB3	SB4	
Sample Name		GP28-S-7.0	GP29-S-6.0	GP30-S-6.0	GP31-S-6.0	MW9-18-19	MW9-32.5-33.5	MW9-38-39	MW11-18-19	MW100	SB1-5	SB3-8	SB4-5	SB4-20
Collection Date		12/12/05	12/12/05	12/12/05	12/12/05	08/16/14	08/16/14	08/16/14	08/16/14	08/16/14	08/08/14	08/08/14	08/07/14	08/07/14
Sample Type		N	N	N	N	N	N	N	N	FD	N	N	N	N
Collection Depth Interval (ft bgs)		NA	NA	NA	NA	18-19	32.5-33.5	38-39	18-19	18-19	5-6	8-9	5-6	20-21
Collection Depth (ft bgs)	7	6	6	6	18.5	33	38.5	18.5	18.5	5.5	8.5	5.5	20.5	
Acenaphthene	0.028	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Anthracene	0.051	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	0.068	--	--	0.0154	0.0211	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.084	--	--	0.0146 U	0.0176	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	0.0146 U	0.0261	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	NA	--	--	0.0291 U	0.0432	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	0.0146 U	0.0178	--	--	--	--	--	--	--	--	
Chrysene	0.074	--	--	0.0334	0.0449	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.012	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Fluoranthene	0.09	--	--	0.0467	0.0517	--	--	--	--	--	--	--	--	
Fluorene	0.029	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.032	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Naphthalene	0.0021	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	0.0258	0.0287	--	--	--	--	--	--	--	--	
Pyrene	0.14	--	--	0.0531	0.05	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	0.0291 U	0.0871	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.0021	--	--	0.0146 U	0.0134 U	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.000016	--	--	0.0135	0.0302	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	0.207	0.293	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	0.0404	0.0421	--	--	--	--	--	--	--	--	
EPH (mg/kg)														
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)														
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	
TPH (mg/kg)														
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	2,000	10.4 U	12.8 U	39.6	58.9	6.2 U	5.7 U	9.3	6.2	--	7.5	5.8 U	65	6.2 U
Oil-Range Hydrocarbons	2,000	26 U	32 U	165	157	14	11 U	14	11 U	--	62	14	220	12 U
Total Diesel + Oil ^(g)	2,000	26 U	32 U	205	216	17	11 U	23	12	--	70	17	285	12 U

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	SB5	SB6	SB7		SB8	SB10	SB11		SB12	SB13	SB14	SB15		
Sample Name		SB5-11	SB6-16	SB7-11	SB7-19	SB8-16	SB10-7	SB11-10	SB11-30	SB12-12	SB13-9	SB14-6	SB15-26	SB15-41	
Collection Date		08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/07/14	08/07/14	08/07/14	08/07/14	08/07/14	04/15/15	04/15/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		11-12	16-17	11-12	19-20	16-17	7-8	10-11	30-31	12-13	9-10	6-7	26-27	41-42	
Collection Depth (ft bgs)		11.5	16.5	11.5	19.5	16.5	7.5	10.5	30.5	12.5	9.5	6.5	26.5	41.5	
Metals (mg/kg)															
Arsenic	7.3	7 U	7 U	7 U	6 U	7 U	5 U	6 U	6	7 U	8 U	5 U	5.6	4.9	
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Total	260	15.7	10	17.7	24.8	23.7	30.3	11.7	20.9	17	16.8	27.6	17.9	43.4	
Chromium, Hexavalent	0.93	0.552 U	0.571 U	0.554 U	0.462 U	0.544 U	0.445 U	0.472 U	0.484 U	0.516 U	0.534 U	0.425 U	0.519 U	0.502 U	
Chromium, Trivalent ^(a)	27	15.7	10	17.7	24.8	23.7	30.3	11.7	20.9	17	16.8	27.6	17.9	43.4	
Lead	81	3 U	3 U	4	2 U	7	2	6	2 U	3 U	3 U	56	2.9	4	
Selenium	0.26	7 U	7 U	7 U	6 U	7 U	5 U	6 U	6 U	7 U	8 U	5 U	0.9	0.6 U	
VOCs (mg/kg)															
1,1,1,2-Tetrachloroethane	38	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,1,1-Trichloroethane	0.084	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,1,2,2-Tetrachloroethane	0.00008	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,1,2-Trichloroethane	0.00033	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,1-Dichloroethane	0.0026	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,1-Dichloroethene	0.0024	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,1-Dichloropropene	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,2,3-Trichlorobenzene	NA	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
1,2,3-Trichloropropane	0.0063	0.0027 U	0.0028 U	0.0031 U	0.0013 U	0.003 U	0.0022 U	0.0025 U	--	0.0024 U	0.0029 U	0.0041 U	0.0027 U	0.0024 U	
1,2,4-Trichlorobenzene	0.0019	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
1,2,4-Trimethylbenzene	800	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.008	0.0013 U	0.0012 U	
1,2-Dibromo-3-chloropropane	1.3	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
1,2-Dibromoethane	0.000018	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,2-Dichlorobenzene	0.0031	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,2-Dichloroethane	0.0016	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,2-Dichloropropane	0.001	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	800	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.016	0.0013 U	0.0012 U	
1,3-Dichlorobenzene	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,3-Dichloropropane	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
1,4-Dichlorobenzene	0.0081	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
2,2-Dichloropropane	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
2-Butanone	48,000	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
2-Chloroethylvinyl ether	NA	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
2-Chlorotoluene	1,600	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
2-Hexanone	400	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
4-Chlorotoluene	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
4-Isopropyltoluene	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.004	0.0013 U	0.0012 U	
4-Methyl-2-pentanone	6,400	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
Acetone	2.1	0.058 J	0.027 J	0.061 J	0.016 J	0.07 J	0.017 J	0.035 J	--	0.055 J	0.037 J	0.01 U	0.0067 U	0.006 U	
Acrolein	40	0.068 U	0.07 U	0.077 U	0.032 U	0.076 U	0.055 U	0.064 U	--	0.06 U	0.072 U	0.1 U	0.067 U	0.06 U	
Acrylonitrile	1.9	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
Benzene	0.00056	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Bromobenzene	0.033	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	SB5	SB6	SB7		SB8	SB10	SB11		SB12	SB13	SB14	SB15		
Sample Name		SB5-11	SB6-16	SB7-11	SB7-19	SB8-16	SB10-7	SB11-10	SB11-30	SB12-12	SB13-9	SB14-6	SB15-26	SB15-41	
Collection Date		08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/07/14	08/07/14	08/07/14	08/07/14	08/07/14	04/15/15	04/15/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		11-12	16-17	11-12	19-20	16-17	7-8	10-11	30-31	12-13	9-10	6-7	26-27	41-42	
Collection Depth (ft bgs)		11.5	16.5	11.5	19.5	16.5	7.5	10.5	30.5	12.5	9.5	6.5	26.5	41.5	
Bromodichloromethane	0.00096	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Bromoethane	NA	0.0027 U	0.0028 U	0.0031 U	0.0013 U	0.003 U	0.0022 U	0.0025 U	--	0.0024 U	0.0029 U	0.0041 U	0.0027 U	0.0024 U	
Bromoform	0.005	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Bromomethane	0.0033	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Carbon disulfide	0.27	0.0056 J	0.0028 J	0.0091 J	0.0043 J	0.011 J	0.0017 J	0.0048 J	--	0.021 J	0.003 J	0.0067 J	0.0028	0.0012 U	
Carbon tetrachloride	0.00015	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Chlorobenzene	0.051	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Chlorobromomethane	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Chloroethane	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Chloroform	0.0048	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Chloromethane	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
cis-1,2-Dichloroethene	0.0052	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
cis-1,3-Dichloropropene	0.00014	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Dibromochloromethane	0.00077	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Dibromomethane	800	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--	
Ethylbenzene	0.015	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.056	0.0013 U	0.0012 U	
Freon 113	2,400,000	0.0027 U	0.0028 U	0.0031 U	0.0013 U	0.003 U	0.0022 U	0.0025 U	--	0.0024 U	0.0029 U	0.0041 U	0.0027 U	0.0024 U	
Hexachlorobutadiene	0.00054	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
Isopropylbenzene	8,000	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.015	0.0013 U	0.0012 U	
m,p-Xylene	0.83	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.029	0.0013 U	0.0012 U	
Methyl iodide	NA	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Methylene chloride	0.0015	0.0048	0.0048	0.0094	0.0024	0.003 U	0.0026	0.0083	--	0.0024 U	0.0035	0.0041 U	0.0027 U	0.0024 U	
Naphthalene	0.0021	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.028	0.0067 U	0.006 U	
n-Butylbenzene	4,000	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0045 J	0.011 J	0.0013 U	0.0012 U	
n-Propylbenzene	8,000	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.046	0.0013 U	0.0012 U	
o-Xylene	0.83	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
sec-Butylbenzene	8,000	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0081	0.0036	0.0013 U	0.0012 U	
Styrene	0.12	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
tert-Butylbenzene	8,000	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Tetrachloroethene	0.0016	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Toluene	0.055	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0071	0.0013 U	0.0012 U	
trans-1,2-Dichloroethene	0.032	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
trans-1,3-Dichloropropene	0.00014	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
trans-1,4-Dichloro-2-butene	NA	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
Trichloroethene	0.00027	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Trichlorofluoromethane (Freon 11)	24,000	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Vinyl acetate	2.3	0.0068 U	0.007 U	0.0077 U	0.0032 U	0.0076 U	0.0055 U	0.0064 U	--	0.006 U	0.0072 U	0.01 U	0.0067 U	0.006 U	
Vinyl chloride	0.000055	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.0021 U	0.0013 U	0.0012 U	
Xylenes, Total ^(b)	0.83	0.0014 U	0.0014 U	0.0015 U	0.0006 U	0.0015 U	0.0011 U	0.0013 U	--	0.0012 U	0.0014 U	0.030	0.0013 U	0.0012 U	
PAHs (mg/kg)															
1-Methylnaphthalene	34	--	--	--	--	--	--	--	--	--	--	--	--	--	
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	SB5	SB6	SB7		SB8	SB10	SB11		SB12	SB13	SB14	SB15		
Sample Name		SB5-11	SB6-16	SB7-11	SB7-19	SB8-16	SB10-7	SB11-10	SB11-30	SB12-12	SB13-9	SB14-6	SB15-26	SB15-41	
Collection Date		08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/08/14	08/07/14	08/07/14	08/07/14	08/07/14	08/07/14	04/15/15	04/15/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		11-12	16-17	11-12	19-20	16-17	7-8	10-11	30-31	12-13	9-10	6-7	26-27	41-42	
Collection Depth (ft bgs)		11.5	16.5	11.5	19.5	16.5	7.5	10.5	30.5	12.5	9.5	6.5	26.5	41.5	
Acenaphthene	0.028	--	--	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	
Anthracene	0.051	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	0.068	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.084	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	0.074	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.012	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	0.09	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	0.029	--	--	--	--	--	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.032	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.0021	--	--	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	0.14	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.0021	--	--	--	--	--	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.000016	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
EPH (mg/kg)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH (mg/kg)															
Gasoline-Range Hydrocarbons	30	--	--	--	--	--	--	--	--	--	--	--	9.5 U	--	
Diesel-Range Hydrocarbons	2,000	420	15	38	5.9 U	74	5.6 U	9.7	--	6.5 U	6.7 U	74	6.7 U	5.8 U	
Oil-Range Hydrocarbons	2,000	1,900	49	440	12 U	560	11 U	30	--	19	18	730	13 U	12 U	
Total Diesel + Oil ^(g)	2,000	2,320	64	478	12 U	634	11 U	40	--	22	21	804	13 U	12 U	

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	SB16			SB17			SB18			SB19		
Sample Name		SB16-26	SB16-40	SB16-46	SB17-26	SB17-40	SB17-43.5	SB18-26	SB18-36.5	SB18-39.5	SB19-35	SB19-45	SB19-50
Collection Date		04/16/15	04/16/15	04/16/15	04/16/15	04/17/15	04/17/15	04/17/15	04/17/15	04/17/15	04/20/15	04/20/15	04/20/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		26-27	40-41	46-47	26-27	40-41	43.5-44.5	26-27	36.5-37.5	39.5-40.5	35-36	45-46	50-51
Collection Depth (ft bgs)	26.5	40.5	46.5	26.5	40.5	44	26.5	37	39	35.5	45.5	50.5	
Metals (mg/kg)													
Arsenic	7.3	5.6	3.1	2.9	4.8	2.5	2.8	6.4	2.3	2.1	8.5	6.2	3.7
Cadmium	0.77	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, Total	260	18.6	26.1	24.5	18.4	21.2	25.3	19.5	18.1	21.9	20.4	46	43.8
Chromium, Hexavalent	0.93	0.525 U	0.476 U	0.441 U	0.499 U	0.426 U	1.78	0.51 U	0.459 U	0.426 U	0.5 U	0.469 U	0.508 U
Chromium, Trivalent ^(a)	27	18.6	26.1	24.5	18.4	21.2	23.5	19.5	18.1	21.9	20.4	46	43.8
Lead	81	2.6	2.3	2.4	2.1	1.7	1.9	2.9	1.8	1.7	2.5	4.6	3.9
Selenium	0.26	0.6 U	0.5 U	0.5 U	0.6 U	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.6 U	1 U	0.6 U
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	38	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,1,1-Trichloroethane	0.084	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,1,2,2-Tetrachloroethane	0.00008	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,1,2-Trichloroethane	0.00033	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,1-Dichloroethane	0.0026	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,1-Dichloroethene	0.0024	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,1-Dichloropropene	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	NA	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
1,2,3-Trichloropropane	0.0063	0.0029 U	--	--	0.003 U	0.002 U	0.0019 U	0.0028 U	0.0017 U	--	0.0031 U	0.0019 U	0.0022 U
1,2,4-Trichlorobenzene	0.0019	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
1,2,4-Trimethylbenzene	800	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,2-Dibromo-3-chloropropane	1.3	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
1,2-Dibromoethane	0.000018	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	0.0031	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,2-Dichloroethane	0.0016	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,2-Dichloropropane	0.001	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,3,5-Trichlorobenzene	NA	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	800	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,3-Dichlorobenzene	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,3-Dichloropropane	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
1,4-Dichlorobenzene	0.0081	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
2,2-Dichloropropane	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
2-Butanone	48,000	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
2-Chloroethylvinyl ether	NA	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
2-Chlorotoluene	1,600	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
2-Hexanone	400	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
4-Chlorotoluene	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
4-Isopropyltoluene	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
4-Methyl-2-pentanone	6,400	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
Acetone	2.1	0.029	--	--	0.034	0.0051 U	0.0088	0.025	0.0041 U	--	0.034	0.0048 U	0.0054 U
Acrolein	40	0.073 U	--	--	0.075 U	0.051 U	0.047 U	0.069 U	0.041 U	--	0.077 U	0.048 U	0.054 U
Acrylonitrile	1.9	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
Benzene	0.00056	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Bromobenzene	0.033	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	SB16			SB17			SB18			SB19		
Sample Name		SB16-26	SB16-40	SB16-46	SB17-26	SB17-40	SB17-43.5	SB18-26	SB18-36.5	SB18-39.5	SB19-35	SB19-45	SB19-50
Collection Date		04/16/15	04/16/15	04/16/15	04/16/15	04/17/15	04/17/15	04/17/15	04/17/15	04/17/15	04/20/15	04/20/15	04/20/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		26-27	40-41	46-47	26-27	40-41	43.5-44.5	26-27	36.5-37.5	39.5-40.5	35-36	45-46	50-51
Collection Depth (ft bgs)		26.5	40.5	46.5	26.5	40.5	44	26.5	37	39	35.5	45.5	50.5
Bromodichloromethane	0.00096	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Bromoethane	NA	0.0029 U	--	--	0.003 U	0.002 U	0.0019 U	0.0028 U	0.0017 U	--	0.0031 U	0.0019 U	0.0022 U
Bromoform	0.005	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Bromomethane	0.0033	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Carbon disulfide	0.27	0.0069 J	--	--	0.0032 J	0.0016	0.0009 U	0.0034	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Carbon tetrachloride	0.00015	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Chlorobenzene	0.051	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Chlorobromomethane	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Chloroethane	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Chloroform	0.0048	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Chloromethane	NA	0.0015 U	--	--	0.0015 U	0.0016 J	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
cis-1,2-Dichloroethene	0.0052	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
cis-1,3-Dichloropropene	0.00014	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Dibromochloromethane	0.00077	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Dibromomethane	800	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Dichlorodifluoromethane (Freon 12)	16,000	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	0.015	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Freon 113	2,400,000	0.0029 U	--	--	0.003 U	0.002 U	0.0019 U	0.0028 U	0.0017 U	--	0.0031 U	0.0019 U	0.0022 U
Hexachlorobutadiene	0.00054	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
Isopropylbenzene	8,000	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
m,p-Xylene	0.83	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Methyl iodide	NA	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Methylene chloride	0.0015	0.0049	--	--	0.003	0.0028	0.0024	0.0031	0.0019	--	0.0031 U	0.0024	0.0026
Naphthalene	0.0021	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
n-Butylbenzene	4,000	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
n-Propylbenzene	8,000	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
o-Xylene	0.83	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
sec-Butylbenzene	8,000	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Styrene	0.12	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
tert-Butylbenzene	8,000	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Tetrachloroethene	0.0016	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Toluene	0.055	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
trans-1,2-Dichloroethene	0.032	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
trans-1,3-Dichloropropene	0.00014	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
trans-1,4-Dichloro-2-butene	NA	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
Trichloroethene	0.00027	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Trichlorofluoromethane (Freon 11)	24,000	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Vinyl acetate	2.3	0.0073 U	--	--	0.0075 U	0.0051 U	0.0047 U	0.0069 U	0.0041 U	--	0.0077 U	0.0048 U	0.0054 U
Vinyl chloride	0.000055	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
Xylenes, Total ^(b)	0.83	0.0015 U	--	--	0.0015 U	0.001 U	0.0009 U	0.0014 U	0.0008 U	--	0.0015 U	0.001 U	0.0011 U
PAHs (mg/kg)													
1-Methylnaphthalene	34	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	0.67	--	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent Soil PCUL Saturated Zone Potable GW SL #s 1, 5-8, 10 ⁽¹⁾	SB16			SB17			SB18			SB19		
Sample Name		SB16-26	SB16-40	SB16-46	SB17-26	SB17-40	SB17-43.5	SB18-26	SB18-36.5	SB18-39.5	SB19-35	SB19-45	SB19-50
Collection Date		04/16/15	04/16/15	04/16/15	04/16/15	04/17/15	04/17/15	04/17/15	04/17/15	04/17/15	04/20/15	04/20/15	04/20/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		26-27	40-41	46-47	26-27	40-41	43.5-44.5	26-27	36.5-37.5	39.5-40.5	35-36	45-46	50-51
Collection Depth (ft bgs)		26.5	40.5	46.5	26.5	40.5	44	26.5	37	39	35.5	45.5	50.5
Acenaphthene	0.028	--	--	--	--	--	--	--	--	--	--	--	
Acenaphthylene	1.3	--	--	--	--	--	--	--	--	--	--	--	
Anthracene	0.051	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)anthracene	0.068	--	--	--	--	--	--	--	--	--	--	--	
Benzo(a)pyrene	0.084	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	
Benzo(b,k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	
Benzo(ghi)perylene	0.67	--	--	--	--	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	NA	--	--	--	--	--	--	--	--	--	--	--	
Chrysene	0.074	--	--	--	--	--	--	--	--	--	--	--	
Dibenzo(a,h)anthracene	0.012	--	--	--	--	--	--	--	--	--	--	--	
Fluoranthene	0.09	--	--	--	--	--	--	--	--	--	--	--	
Fluorene	0.029	--	--	--	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.032	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	0.0021	--	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	1.5	--	--	--	--	--	--	--	--	--	--	--	
Pyrene	0.14	--	--	--	--	--	--	--	--	--	--	--	
Total benzofluoranthenes	3.2	--	--	--	--	--	--	--	--	--	--	--	
Total naphthalenes ^(c)	0.0021	--	--	--	--	--	--	--	--	--	--	--	
cPAH TEQ ^(d)	0.000016	--	--	--	--	--	--	--	--	--	--	--	
Total HPAHs ^(e)	12	--	--	--	--	--	--	--	--	--	--	--	
Total LPAHs ^(f)	5.2	--	--	--	--	--	--	--	--	--	--	--	
EPH (mg/kg)													
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C8-C10 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
Total Extractable Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)													
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	
TPH (mg/kg)													
Gasoline-Range Hydrocarbons	30	8.8 U	--	--	8.6 U	--	--	7.8 U	--	--	7.7 U	--	
Diesel-Range Hydrocarbons	2,000	7.3 U	--	--	6.5 U	6.2 U	--	6.7 U	5.5 U	--	6.4 U	6 U	
Oil-Range Hydrocarbons	2,000	15 U	--	--	13 U	12 U	--	13 U	11 U	--	13 U	12 U	
Total Diesel + Oil ^(g)	2,000	15 U	--	--	13 U	12 U	--	13 U	11 U	--	13 U	12 U	

NOTES:

Shading (color key below) indicates values that exceed screening criteria; non-detects ("U" or "UJ") were compared with screening criteria.

Most Stringent PCUL Potable Water GW #s 1-5 - Detected

Most Stringent PCUL Potable Water GW #s 1-5 - Not Detected

- = not analyzed.
- cPAH = carcinogenic PAH.
- EPH = extractable petroleum hydrocarbons.
- FD = field duplicate sample.
- ft bgs = feet below ground surface.
- GW = groundwater.
- J = result is estimated.
- N = normal field sample.
- NA = not applicable.
- ND = non-detect.
- PAH = polycyclic aromatic hydrocarbon.
- PCB = polychlorinated biphenyl.
- PCUL = preliminary cleanup level.
- TEQ = toxic equivalency quotient.
- TEF = toxic equivalency factor.
- TPH = total petroleum hydrocarbons.
- U = result is non-detect to method detection limit or method reporting limit.
- ug/L = micrograms per liter.
- UJ = result is non-detect to method detection limit or method reporting limit and is estimated.
- VOC = volatile organic compound.
- ^(a)Trivalent chromium concentrations were calculated by subtracting the hexavalent chromium value from the total chromium value. If hexavalent chromium was non-detect, then the trivalent chromium value was assumed to be equal to the entire total chromium value. If hexavalent chromium was greater than total chromium, then the trivalent chromium result was assumed to be ND.
- ^(b)Total PCBs are the sum of all detected PCB Aroclors. When all results are non-detect, the highest reporting limit is used.
- ^(c)Total xylenes are reported from the lab or are the sum of m,p- and o-xylene. Non-detect results are summed at one-half the reporting limit. When both results are non-detect, the highest reporting limit is used.
- ^(d)Total naphthalenes are the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene. Non-detect results are summed at one-half the reporting limit. When all results are non-detect, the highest reporting limit is used.
- ^(e)cPAH TEQ values are based on toxic equivalence factors from Washington State Department of Ecology Evaluating the Human Health Toxicity of cPAH Using TEFs, 2015. Non-detect results are summed according to frequency of detection in groundwater: analytes detected at least once at the Site are summed at one-half the reporting limit multiplied by the associated TEF; analytes never detected at the Site are not included in the TEQ calculation. If all results are non-detect, the highest reporting limit is used.
- ^(f)Total diesel+oil is the sum of diesel- and oil-range hydrocarbons. Non-detect results are summed at one-half the reported detection limit. When both results are non-detect, the highest detection limit is used.

REFERENCE:

⁽¹⁾Ecology. 2020. Lower Duwamish Waterway preliminary cleanup level workbook. Washington State Department of Ecology, Toxics Cleanup Program, Olympia, Washington. Revised May 20.

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	GP2	GP4	GP5	GP6	GP7	GP8	GP13	GP15	MW2						
Sample Name		GP2-W-17-RECON	GP4-W-8.0	GP5-W-18.0	GP6-W-18.0	GP7-W-14.0	GP8-W-10.0	GP13-W-8.0	GP15-W-8.0	MW2-W-0605	MW2-122805	MW2-041906	MW2-071510	MW-2	MW2	
Collection Date		06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	12/14/05	12/14/05	06/17/05	12/28/05	04/19/06	07/15/10	05/01/14	08/20/14
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		17	8	18	18	14	10	8	8	8	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		17	8	18	18	14	10	8	8	8	15	15	15	15	15	15
Dissolved Metals (ug/L)																
Antimony	6	--	--	--	--	--	--	--	--	--	3 U	--	--	--	--	
Arsenic	8	--	--	--	--	--	--	--	--	--	5.63	3.8	2.3	--	--	
Beryllium	4	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	
Cadmium	1.2	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	
Chromium, Total	100	37,100	267,000	20 U	343,000	20 U	355,000	--	--	20 U	8.79	21	6.7	--	--	
Chromium, Hexavalent	48	4,720	236,000	89.7	300,000	101	294,000	--	--	10 U	6.25 U	20 U	50 U	--	--	
Chromium, Trivalent ^(a)	27	32,380	31,000	20 U	43,000	20 U	61,000	--	--	20 U	8.79	21	6.7	--	--	
Copper	3.1	--	--	--	--	--	--	--	--	--	1.17	2.5	0.5 U	--	--	
Lead	8.1	--	--	--	--	--	--	--	--	--	1 U	2 U	0.1 U	--	--	
Mercury	0.025	--	--	--	--	--	--	--	--	--	0.2 U	--	--	--	--	
Nickel	8.2	--	--	--	--	--	--	--	--	--	2.51	--	--	--	--	
Selenium	50	--	--	--	--	--	--	--	--	--	6.28	10	0.71	--	--	
Silver	1.9	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	
Thallium	0.062	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	
Zinc	81	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	
Total Metals (ug/L)																
Arsenic	8	--	--	--	--	--	--	--	--	--	--	--	--	50 U	50 U	
Chromium, Total	100	--	--	--	--	--	--	--	--	--	--	--	--	7	6	
Chromium, Hexavalent	48	--	--	--	--	--	--	--	--	--	--	--	--	10 U	10 U	
Chromium, Trivalent ^(a)	27	--	--	--	--	--	--	--	--	--	--	--	--	7	6	
Lead	8.1	15 U	--	--	--	--	--	--	--	--	--	--	--	20 U	20 U	
Selenium	50	--	--	--	--	--	--	--	--	--	--	--	--	50 U	50 U	
PCB Aroclors (ug/L)																
Aroclor 1016	NA	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
Aroclor 1221	NA	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
Aroclor 1232	NA	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
Aroclor 1242	NA	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
Aroclor 1248	NA	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
Aroclor 1254	NA	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
Aroclor 1260	NA	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
Total PCBs ^(b)	0.000007	--	--	--	--	--	0.0958 U	--	--	--	--	--	--	--	--	
VOCs (ug/L)																
1,1,1,2-Tetrachloroethane	1.7	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,1,1-Trichloroethane	200	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,1,2,2-Tetrachloroethane	0.22	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,1,2-Trichloroethane	0.9	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,1-Dichloroethane	7.7	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,1-Dichloroethene	7	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,1-Dichloropropene	NA	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	GP2	GP4	GP5	GP6	GP7	GP8	GP13	GP15	MW2						
Sample Name		GP2-W-17-RECON	GP4-W-8.0	GP5-W-18.0	GP6-W-18.0	GP7-W-14.0	GP8-W-10.0	GP13-W-8.0	GP15-W-8.0	MW2-W-0605	MW2-122805	MW2-041906	MW2-071510	MW-2	MW2	
Collection Date		06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	12/14/05	12/14/05	06/17/05	12/28/05	04/19/06	07/15/10	05/01/14	08/20/14
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		17	8	18	18	14	10	8	8	8	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		17	8	18	18	14	10	8	8	8	15	15	15	15	15	15
1,2,3-Trichlorobenzene	NA	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	25 U	2.5 U	
1,2,3-Trichloropropane	0.00038	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	10 U	2.5 U	
1,2,4-Trichlorobenzene	0.96	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	25 U	2.5 U	
1,2,4-Trimethylbenzene	80	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,2-Dibromo-3-chloropropane	0.2	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	25 U	2.5 U	
1,2-Dibromoethane	0.05	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,2-Dichlorobenzene	4.6	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,2-Dichloroethane	4.2	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,2-Dichloropropane	3.1	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,3,5-Trimethylbenzene	80	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,3-Dichlorobenzene	2	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
1,3-Dichloropropane	NA	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	25 U	1 U	
1,4-Dichlorobenzene	4.9	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
2,2-Dichloropropane	NA	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
2-Butanone	4,800	--	--	--	--	--	--	2 U	2.07	--	2 U	--	--	25 U	25 U	
2-Chloroethylvinyl ether	NA	--	--	--	--	--	--	--	--	--	--	--	--	25 U	5 U	
2-Chlorotoluene	160	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
2-Hexanone	40	--	--	--	--	--	--	--	--	--	--	--	--	25 U	25 U	
4-Chlorotoluene	NA	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
4-Isopropyltoluene	NA	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
4-Methyl-2-pentanone	640	--	--	--	--	--	--	--	--	--	--	--	--	25 U	25 U	
Acetone	7,200	--	--	--	--	--	--	--	--	--	--	--	--	50 U	25 U	
Acrolein	1.1	--	--	--	--	--	--	--	--	--	--	--	--	50 U	25 U	
Acrylonitrile	0.028	--	--	--	--	--	--	--	--	--	--	--	--	25 U	5 U	
Benzene	1.6	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Bromobenzene	64	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Bromodichloromethane	1.8	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Bromoethane	NA	--	--	--	--	--	--	--	--	--	--	--	--	10 U	1 U	
Bromoform	12	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Bromomethane	11	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	5 U	
Carbon disulfide	400	--	--	--	--	--	--	--	--	--	--	--	--	5 U	1 U	
Carbon tetrachloride	0.35	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Chlorobenzene	100	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Chlorobromomethane	NA	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Chloroethane	19,000	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Chloroform	1.2	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Chloromethane	150	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	2.5 U	
cis-1,2-Dichloroethene	16	5 U	1 U	1 U	144	1 U	2.26	6.03	0.2 U	1 U	0.2 U	0.062 U	0.5 U	5 U	1 U	
cis-1,3-Dichloropropene	0.44	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Dibromochloromethane	2.2	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Dibromomethane	80	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Dichlorodifluoromethane (Freon 12)	5.6	5 U	1 U	1 U	20 U	1 U	1 U	--	--	--	--	--	--	--	--	

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	GP2	GP4	GP5	GP6	GP7	GP8	GP13	GP15	MW2						
Sample Name		GP2-W-17-RECON	GP4-W-8.0	GP5-W-18.0	GP6-W-18.0	GP7-W-14.0	GP8-W-10.0	GP13-W-8.0	GP15-W-8.0	MW2-W-0605	MW2-122805	MW2-041906	MW2-071510	MW-2	MW2	
Collection Date		06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	12/14/05	12/14/05	06/17/05	12/28/05	04/19/06	07/15/10	05/01/14	08/20/14
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		17	8	18	18	14	10	8	8	8	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		17	8	18	18	14	10	8	8	8	15	15	15	15	15	15
Ethylbenzene	31	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Freon 113	180	--	--	--	--	--	--	--	--	--	--	--	--	10 U	1 U	
Hexachlorobutadiene	0.01	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	25 U	2.5 U	
Isopropylbenzene	720	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
m,p-Xylene	330	5 U	2 U	2 U	40 U	2 U	2 U	--	--	2 U	--	--	--	10 U	2 U	
Methyl iodide	NA	--	--	--	--	--	--	--	--	--	--	--	--	5 U	5 U	
Methyl tert-butyl ether	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Methylene chloride	5	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	10 U	5 U	
Naphthalene	1.4	5 U	1 U	1 U	20 U	1 U	87	--	--	1 U	--	--	--	25 U	2.5 U	
n-Butylbenzene	400	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
n-Hexane	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	800	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
o-Xylene	330	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
sec-Butylbenzene	800	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Styrene	100	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
tert-Butylbenzene	800	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Tetrachloroethene	2.9	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Toluene	130	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
trans-1,2-Dichloroethene	100	5 U	1 U	1 U	20 U	1 U	1 U	1.01	0.2 U	1 U	0.2 U	0.091 U	0.5 U	5 U	1 U	
trans-1,3-Dichloropropene	0.44	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	--	--	--	--	--	--	--	--	25 U	5 U	
Trichloroethene	0.7	5 U	1 U	1 U	1130	1 U	16.8	0.22	0.2 U	1 U	0.2 U	0.055 U	0.5 U	5 U	1 U	
Trichlorofluoromethane (Freon 11)	120	5 U	1 U	1 U	20 U	1 U	1 U	--	--	1 U	--	--	--	5 U	1 U	
Vinyl acetate	7,800	--	--	--	--	--	--	--	--	--	--	--	--	25 U	1 U	
Vinyl chloride	0.18	5 U	1 U	1 U	20 U	1 U	1 U	16.5	0.2 U	1 U	0.2 U	0.14 U	0.2 U	5 U	1 U	
Xylenes, Total ^(c)	330	5 U	2 U	2 U	40 U	2 U	2 U	--	--	2 U	--	--	--	10 U	2 U	
PAHs (ug/L)																
1-Methylnaphthalene	1.5	--	--	--	--	--	--	--	--	--	0.1 U	0.035 U	0.063	--	--	
2-Chloronaphthalene	100	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	--	--	--	--	--	
2-Methylnaphthalene	32	--	0.477 U	--	--	--	8.56	--	--	0.481 U	0.1 U	0.0098 U	0.047	--	--	
Acenaphthene	5.3	--	0.191 U	--	--	--	0.328	--	--	0.192 U	0.1 U	0.015 J	0.047	--	--	
Acenaphthylene	NA	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.1 U	0.0044 U	0.015 U	--	--	
Anthracene	2.1	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.1 U	0.035 J	0.015 U	--	--	
Benzo(a)anthracene	0.00016	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.01 U	0.031 J	0.015 U	--	--	
Benzo(a)pyrene	0.000016	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.01 U	0.066 U	0.015 U	--	--	
Benzo(b)fluoranthene	0.00016	--	--	--	--	--	--	--	--	--	0.01 U	--	0.015 U	--	--	
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	0.954 U	--	--	--	0.97 U	--	--	0.192 U	--	0.034 U	--	--	--	
Benzo(ghi)perylene	NA	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.1 U	0.02 U	0.015 U	--	--	
Benzo(k)fluoranthene	0.0016	--	--	--	--	--	--	--	--	--	0.01 U	--	0.015 U	--	--	
Chrysene	0.016	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.01 U	0.0098 U	0.015 U	--	--	
Dibenzo(a,h)anthracene	0.000016	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.01 U	0.013 U	0.015 U	--	--	
Fluoranthene	1.8	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.1 U	0.032 J	0.015 U	--	--	

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	GP2	GP4	GP5	GP6	GP7	GP8	GP13	GP15	MW2						
Sample Name		GP2-W-17-RECON	GP4-W-8.0	GP5-W-18.0	GP6-W-18.0	GP7-W-14.0	GP8-W-10.0	GP13-W-8.0	GP15-W-8.0	MW2-W-0605	MW2-122805	MW2-041906	MW2-071510	MW-2	MW2	
Collection Date		06/09/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	06/16/05	12/14/05	12/14/05	06/17/05	12/28/05	04/19/06	07/15/10	05/01/14	08/20/14
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		17	8	18	18	14	10	8	8	8	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		17	8	18	18	14	10	8	8	8	15	15	15	15	15	15
Fluorene	3.7	--	0.191 U	--	--	--	0.298	--	--	0.192 U	0.1 U	0.0087 U	0.015 U	--	--	
Indeno(1,2,3-cd)pyrene	0.00016	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.01 U	0.016 U	0.015 U	--	--	
Naphthalene	1.4	--	0.477 U	--	--	--	26.5	--	--	0.854	0.321	0.93	2.9	--	--	
Phenanthrene	NA	--	0.191 U	--	--	--	5.54	--	--	0.192 U	0.1 U	0.0052 U	0.02 U	--	--	
Pyrene	2	--	0.191 U	--	--	--	0.194 U	--	--	0.192 U	0.1 U	0.014 U	0.015 U	--	--	
Total naphthalenes ^(d)	1.4	--	0.477 U	--	--	--	35.1	--	--	1.09	0.421	0.952	3.01	--	--	
cPAH TEQ ^(e)	0.0049	--	0.954 U	--	--	--	0.97 U	--	--	0.192 U	0.01 U	0.0046	0.015 U	--	--	
Hydrocarbon Identification (Presence/Absence)																
Gasoline-Range Hydrocarbons	NA	DETECT	ND	ND	ND	ND	DETECT	--	--	ND	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	ND	DETECT	ND	ND	ND	DETECT	--	--	DETECT	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	ND	ND	ND	ND	ND	DETECT	--	--	DETECT	--	--	--	--	--	
TPH (ug/L)																
Gasoline-Range Hydrocarbons	800	100 U	--	--	--	--	155	--	--	100 U	--	--	--	--	--	
Diesel-Range Hydrocarbons	500	--	325	--	--	--	814	--	--	438	1,190	410	280	240	490	
Oil-Range Hydrocarbons	500	--	478 U	--	--	--	479 U	--	--	512	1,040	580 U	390 U	260	490	
Total Diesel + Oil ^(f)	500	--	564	--	--	--	1,054	--	--	950	2,230	700	475	500	980	
EPH (ug/L)																
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW2						MW3							
Sample Name		MW-2	MW2	MW2-W-19.0	MW2-W-15.0	MW2-W-15.0	MW2-W-15.0	MW3-0605	MW3-122905	MW3-041706	MW3-071310	MW-3	MW3	MW-3	MW3
Collection Date		12/02/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	06/07/05	12/29/05	04/17/06	07/13/10	04/30/14	08/21/14	12/04/14	03/09/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	19	15	15	15	15	15	15	15	15	15	15	15
Dissolved Metals (ug/L)															
Antimony	6	--	--	--	--	--	--	--	3 U	--	--	--	--	--	--
Arsenic	8	--	--	7.54	9.05	6.46	5.9	--	15.3	13	14.5	--	--	--	--
Beryllium	4	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--
Cadmium	1.2	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--
Chromium, Total	100	--	--	9.19	8.42	7.82	8.18	20 U	2.15	7.8	2.1	--	--	--	--
Chromium, Hexavalent	48	--	--	45 UJ	135 U	90 U	45 U	10 U	6.25 U	20 U	100 UI	--	--	--	--
Chromium, Trivalent ^(a)	27	--	--	9.19	8.42	7.82	8.18	20 U	2.15	7.8	2.1	--	--	--	--
Copper	3.1	--	--	10 U	5 U	5 U	5 U	--	1 U	2 U	0.5 U	--	--	--	--
Lead	8.1	--	--	--	--	--	--	--	1 U	2 U	0.1 U	--	--	--	--
Mercury	0.025	--	--	--	--	--	--	--	0.2 U	--	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	--	--	1.7	--	--	--	--	--	--
Selenium	50	--	--	9.02	10.8	5 U	3.53	--	1 U	2 U	0.5 U	--	--	--	--
Silver	1.9	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--
Thallium	0.062	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--
Zinc	81	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--
Total Metals (ug/L)															
Arsenic	8	50 U	5.8	--	--	--	--	--	--	--	--	50 U	50 U	50 U	10
Chromium, Total	100	11	5.5	--	--	--	--	--	--	--	--	5 U	5 U	5	1.1
Chromium, Hexavalent	48	10 U	12	--	--	--	--	--	--	--	--	28	12	17	22
Chromium, Trivalent ^(a)	27	11	ND	--	--	--	--	--	--	--	--	5 U	5 U	ND	ND
Lead	8.1	20 U	0.1 U	--	--	--	--	--	--	--	--	20 U	20 U	20 U	0.1 U
Selenium	50	50 U	4	--	--	--	--	--	--	--	--	50 U	50 U	50 U	0.5 U
PCB Aroclors (ug/L)															
Aroclor 1016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs ^(b)	0.000007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (ug/L)															
1,1,1,2-Tetrachloroethane	1.7	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.22	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.9	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,1-Dichloroethane	7.7	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,1-Dichloropropene	NA	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW2						MW3							
Sample Name		MW-2	MW2	MW2-W-19.0	MW2-W-15.0	MW2-W-15.0	MW2-W-15.0	MW3-0605	MW3-122905	MW3-041706	MW3-071310	MW-3	MW3	MW-3	MW3
Collection Date		12/02/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	06/07/05	12/29/05	04/17/06	07/13/10	04/30/14	08/21/14	12/04/14	03/09/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	19	15	15	15	15	15	15	15	15	15	15	15
1,2,3-Trichlorobenzene	NA	5 U	5 U	10 U	10 U	10 U	10 U	1 U	--	--	--	5 U	2.5 U	5 U	5 U
1,2,3-Trichloropropane	0.00038	2 U	2 U	10 U	10 U	10 U	10 U	1 U	--	--	--	2 U	2.5 U	2 U	2 U
1,2,4-Trichlorobenzene	0.96	5 U	5 U	10 U	10 U	10 U	10 U	1 U	--	--	--	5 U	2.5 U	5 U	5 U
1,2,4-Trimethylbenzene	80	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.2	5 U	5 U	100 U	100 U	100 U	100 U	1 U	--	--	--	5 U	2.5 U	5 U	5 U
1,2-Dibromoethane	0.05	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	4.6	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,2-Dichloroethane	4.2	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,2-Dichloropropane	3.1	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	80	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
1,3-Dichloropropane	NA	5 U	5 U	10 U	10 U	10 U	10 U	1 U	--	--	--	5 U	1 U	5 U	5 U
1,4-Dichlorobenzene	4.9	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
2,2-Dichloropropane	NA	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
2-Butanone	4,800	5 U	5 U	100 U	100 U	100 U	100 U	--	2 U	--	--	5 U	25 U	5 U	5 U
2-Chloroethylvinyl ether	NA	5 U	5 U	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U
2-Chlorotoluene	160	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
2-Hexanone	40	5 U	5 U	100 U	100 U	100 U	100 U	--	--	--	--	5 U	25 U	5 U	5 U
4-Chlorotoluene	NA	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
4-Isopropyltoluene	NA	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	640	5 U	5 U	100 U	100 U	100 U	100 U	--	--	--	--	5 U	25 U	5 U	5 U
Acetone	7,200	10 U	10 U	500 U	500 U	500 U	500 U	--	--	--	--	10 U	25 U	10 U	10 U
Acrolein	1.1	10 U	10 U	--	--	--	--	--	--	--	--	10 U	25 U	10 U	10 U
Acrylonitrile	0.028	5 U	5 U	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U
Benzene	1.6	1 U	1 U	3.5 U	3.5 U	3.5 U	3.5 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Bromobenzene	64	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Bromodichloromethane	1.8	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Bromoethane	NA	2 U	2 U	--	--	--	--	--	--	--	--	2 U	1 U	2 U	2 U
Bromoform	12	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Bromomethane	11	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	5 U	1 U	1 U
Carbon disulfide	400	1 U	1 U	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Carbon tetrachloride	0.35	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Chlorobromomethane	NA	1 U	1 U	--	--	--	--	1 U	--	--	--	1 U	1 U	1 U	1 U
Chloroethane	19,000	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Chloroform	1.2	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Chloromethane	150	1 U	1 U	100 U	100 U	100 U	100 U	1 U	--	--	--	1 U	2.5 U	1 U	1 U
cis-1,2-Dichloroethene	16	1 U	1 U	10 U	10 U	10 U	10 U	1 U	0.2	0.062 U	0.5 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.44	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Dibromochloromethane	2.2	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Dibromomethane	80	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Dichlorodifluoromethane (Freon 12)	5.6	--	--	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW2						MW3							
Sample Name		MW-2	MW2	MW2-W-19.0	MW2-W-15.0	MW2-W-15.0	MW2-W-15.0	MW3-0605	MW3-122905	MW3-041706	MW3-071310	MW-3	MW3	MW-3	MW3
Collection Date		12/02/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	06/07/05	12/29/05	04/17/06	07/13/10	04/30/14	08/21/14	12/04/14	03/09/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	19	15	15	15	15	15	15	15	15	15	15	15
Ethylbenzene	31	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Freon 113	180	2 U	2 U	--	--	--	--	--	--	--	--	2 U	1 U	2 U	2 U
Hexachlorobutadiene	0.01	5 U	5 U	10 U	10 U	10 U	10 U	1 U	--	--	--	5 U	2.5 U	5 U	5 U
Isopropylbenzene	720	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
m,p-Xylene	330	2 U	2 U	20 U	20 U	20 U	20 U	2 U	--	--	--	2 U	2 U	2 U	2 U
Methyl iodide	NA	1 U	1 U	--	--	--	--	--	--	--	--	1 U	5 U	1 U	1 U
Methyl tert-butyl ether	24	--	--	10 U	10 U	10 U	10 U	1 U	--	--	--	--	--	--	--
Methylene chloride	5	2 U	2 U	50 U	50 U	50 U	50 U	1 U	--	--	--	2 U	5 U	2 U	2 U
Naphthalene	1.4	5 U	5 U	10 U	10 U	10 U	10 U	1 U	--	--	--	5 U	2.5 U	5 U	5 U
n-Butylbenzene	400	1 U	1 U	10 U	--	--	--	1 U	--	--	--	1 U	1 U	1 U	1 U
n-Hexane	NA	--	--	--	10 U	10 U	10 U	--	--	--	--	--	--	--	--
n-Propylbenzene	800	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
o-Xylene	330	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
sec-Butylbenzene	800	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Styrene	100	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
tert-Butylbenzene	800	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Tetrachloroethene	2.9	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Toluene	130	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100	1 U	1 U	10 U	10 U	10 U	10 U	1 U	0.2 U	0.091 U	0.5 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.44	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
trans-1,4-Dichloro-2-butene	NA	5 U	5 U	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U
Trichloroethene	0.7	1 U	1 U	10 U	10 U	10 U	10 U	1 U	0.2 U	0.055 U	0.5 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane (Freon 11)	120	1 U	1 U	10 U	10 U	10 U	10 U	1 U	--	--	--	1 U	1 U	1 U	1 U
Vinyl acetate	7,800	5 U	5 U	--	--	--	--	--	--	--	--	5 U	1 U	5 U	5 U
Vinyl chloride	0.18	1 U	1 U	2 U	2 U	2 U	2 U	1 U	0.2 U	0.14 U	0.2 U	1 U	1 U	1 U	1 U
Xylenes, Total ^(c)	330	2 U	2 U	20 U	20 U	20 U	20 U	2 U	--	--	--	2 U	2 U	2 U	2 U
PAHs (ug/L)															
1-Methylnaphthalene	1.5	--	--	--	--	--	--	--	0.099 U	0.034 U	--	--	--	--	--
2-Chloronaphthalene	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	--	--	--	--	--	--	0.099 U	0.0095 U	--	--	--	--	--
Acenaphthene	5.3	--	--	0.05	0.04 U	0.04 U	0.057	--	0.099 U	0.0032 U	0.015 U	--	--	--	--
Acenaphthylene	NA	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.099 U	0.0042 U	0.015 U	--	--	--	--
Anthracene	2.1	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.099 U	0.0084 U	0.015 U	--	--	--	--
Benzo(a)anthracene	0.00016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	0.0095 U	0.015 U	--	--	--	--
Benzo(a)pyrene	0.000016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	0.063 U	0.015 U	--	--	--	--
Benzo(b)fluoranthene	0.00016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	--	0.015 U	--	--	--	--
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	--	--	--	--	--	--	--	0.033 U	--	--	--	--	--
Benzo(ghi)perylene	NA	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.099 U	0.019 U	0.015 U	--	--	--	--
Benzo(k)fluoranthene	0.0016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	--	0.015 U	--	--	--	--
Chrysene	0.016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	0.0095 U	0.015 U	--	--	--	--
Dibenzo(a,h)anthracene	0.000016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	0.013 U	0.015 U	--	--	--	--
Fluoranthene	1.8	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.099 U	0.0095 U	0.015 U	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW2						MW3							
Sample Name		MW-2	MW2	MW2-W-19.0	MW2-W-15.0	MW2-W-15.0	MW2-W-15.0	MW3-0605	MW3-122905	MW3-041706	MW3-071310	MW-3	MW3	MW-3	MW3
Collection Date		12/02/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	06/07/05	12/29/05	04/17/06	07/13/10	04/30/14	08/21/14	12/04/14	03/09/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	19	15	15	15	15	15	15	15	15	15	15	15
Fluorene	3.7	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.099 U	0.0084 U	0.015 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.00016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	0.016 U	0.015 U	--	--	--	--
Naphthalene	1.4	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	0.099 U	0.0063 U	0.016	--	--	--	--
Phenanthrene	NA	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.099 U	0.0032 U	0.015 U	--	--	--	--
Pyrene	2	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.099 U	0.014 U	0.015 U	--	--	--	--
Total naphthalenes ^(d)	1.4	--	--	--	--	--	--	--	0.099 U	0.034 U	--	--	--	--	--
cPAH TEQ ^(e)	0.0049	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	0.0099 U	0.063 U	0.015 U	--	--	--	--
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH (ug/L)															
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	500	330	420	250	450	240	470	--	312	280 U	82 U	100 U	100 U	120	120
Oil-Range Hydrocarbons	500	220	360	250 U	790	460	660	--	505 U	570 U	410 U	200 U	200 U	200 U	200 U
Total Diesel + Oil ^(f)	500	550	780	375	1,240	700	1,130	--	565	570 U	410 U	200 U	200 U	220	220
EPH (ug/L)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW3				MW4									
Sample Name		MW3-W-15.0	MW3-W-15.0	MW3-W-15.0	MW3-W-15.0	MW4-0605	MW4-0605	MW4-122705	MW4-041806	MW4-071510	MW-4	MW4	MW4-1	MW-4	MW4
Collection Date		07/23/19	12/17/19	01/29/20	04/28/20	06/09/05	06/09/05	12/27/05	04/18/06	07/15/10	05/01/14	08/20/14	08/20/14	12/02/14	03/10/15
Sample Type		N	N	N	N	N	FD	N	N	N	N	N	FD	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
Collection Depth (ft bgs)		15	15	15	15	20	20	20	20	20	20	20	20	20	20
Dissolved Metals (ug/L)															
Antimony	6	--	--	--	--	--	--	3 U	--	--	--	--	--	--	--
Arsenic	8	13.6	8.81	10.7	7.33	--	--	15.1	15	11.2	--	--	--	--	--
Beryllium	4	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--
Cadmium	1.2	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--
Chromium, Total	100	10 U	1 U	1.03	1 U	20 U	20 U	1 U	2	0.5 U	--	--	--	--	--
Chromium, Hexavalent	48	45 U	90 UJ	45 UJ	45 U	10 U	10 U	6.25 U	23	10 U	--	--	--	--	--
Chromium, Trivalent ^(a)	27	10 U	1 U	1.03	1 U	20 U	20 U	1 U	ND	0.5 U	--	--	--	--	--
Copper	3.1	50 U	5 U	5 U	5 U	--	--	1 U	2 U	0.5 U	--	--	--	--	--
Lead	8.1	--	--	--	--	--	--	1 U	2 U	0.1 U	--	--	--	--	--
Mercury	0.025	--	--	--	--	--	--	0.2 U	--	--	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	--	1.33	--	--	--	--	--	--	--
Selenium	50	1 U	2 U	1 U	1 U	--	--	1 U	2 U	0.5 U	--	--	--	--	--
Silver	1.9	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--
Thallium	0.062	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--
Zinc	81	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
Total Metals (ug/L)															
Arsenic	8	--	--	--	--	--	--	--	--	--	50 U	50 U	50 U	50 U	9.3
Chromium, Total	100	--	--	--	--	--	--	--	--	--	5	5 U	5 U	5 U	0.5 U
Chromium, Hexavalent	48	--	--	--	--	--	--	--	--	--	13	10 U	10 U	10 U	10 U
Chromium, Trivalent ^(a)	27	--	--	--	--	--	--	--	--	--	ND	5 U	5 U	5 U	0.5 U
Lead	8.1	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	0.1 U
Selenium	50	--	--	--	--	--	--	--	--	--	50 U	50 U	50 U	50 U	0.5 U
PCB Aroclors (ug/L)															
Aroclor 1016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs ^(b)	0.000007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (ug/L)															
1,1,1,2-Tetrachloroethane	1.7	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.22	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.9	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	7.7	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW3				MW4									
Sample Name		MW3- W-15.0	MW3- W-15.0	MW3- W-15.0	MW3- W-15.0	MW4-0605	MW4-0605	MW4- 122705	MW4- 041806	MW4- 071510	MW-4	MW4	MW4-1	MW-4	MW4
Collection Date		07/23/19	12/17/19	01/29/20	04/28/20	06/09/05	06/09/05	12/27/05	04/18/06	07/15/10	05/01/14	08/20/14	08/20/14	12/02/14	03/10/15
Sample Type		N	N	N	N	N	FD	N	N	N	N	N	FD	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
Collection Depth (ft bgs)		15	15	15	15	20	20	20	20	20	20	20	20	20	20
1,2,3-Trichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	0.00038	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	0.96	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.2	10 U	10 U	10 U	10 U	1 U	1 U	--	--	--	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	0.05	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	4.6	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	4.2	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	3.1	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	4.9	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
2-Butanone	4,800	10 U	10 U	10 U	10 U	--	--	2 U	--	--	5 U	5 U	5 U	5 U	5 U
2-Chloroethylvinyl ether	NA	--	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	160	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40	10 U	10 U	10 U	10 U	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
4-Isopropyltoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	640	10 U	10 U	10 U	10 U	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U
Acetone	7,200	50 U	50 U	50 U	50 U	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U
Acrolein	1.1	--	--	--	--	--	--	--	--	--	10 U	10 U	10 U	10 U	10 U
Acrylonitrile	0.028	--	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U
Benzene	1.6	0.35 U	0.35 U	0.35 U	0.35 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Bromobenzene	64	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.8	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Bromoethane	NA	--	--	--	--	--	--	--	--	--	2 U	2 U	2 U	2 U	2 U
Bromoform	12	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Bromomethane	11	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	400	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	0.35	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Chlorobromomethane	NA	--	--	--	--	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Chloroethane	19,000	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Chloroform	1.2	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Chloromethane	150	10 U	10 U	10 U	10 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	16	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.062 U	0.5 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.44	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	2.2	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Dibromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane (Freon 12)	5.6	1 U	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--

Location	Sample Name	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW3				MW4										
			MW3-W-15.0	MW3-W-15.0	MW3-W-15.0	MW3-W-15.0	MW4-0605	MW4-0605	MW4-122705	MW4-041806	MW4-071510	MW-4	MW4	MW4-1	MW-4	MW4	
Collection Date	Sample Type	Collection Depth Interval (ft bgs)	Collection Depth (ft bgs)	07/23/19	12/17/19	01/29/20	04/28/20	06/09/05	06/09/05	12/27/05	04/18/06	07/15/10	05/01/14	08/20/14	08/20/14	12/02/14	03/10/15
Ethylbenzene	31	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Freon 113	180	--	--	--	--	--	--	--	--	--	--	--	2 U	2 U	2 U	2 U	2 U
Hexachlorobutadiene	0.01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	330	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	--	--	--	2 U	2 U	2 U	2 U	2 U
Methyl iodide	NA	--	--	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U
Methyl tert-butyl ether	24	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--
Methylene chloride	5	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	--	--	--	2 U	2 U	2 U	2 U	2 U
Naphthalene	1.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	400	1 U	--	--	--	--	--	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
n-Hexane	NA	--	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
o-Xylene	330	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Styrene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	2.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Toluene	130	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.091 U	0.5 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.44	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U
Trichloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.055 U	0.5 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane (Freon 11)	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U
Vinyl acetate	7,800	--	--	--	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	0.18	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	0.2 U	0.14 U	0.2 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total ^(c)	330	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	--	--	--	2 U	2 U	2 U	2 U	2 U
PAHs (ug/L)																	
1-Methylnaphthalene	1.5	--	--	--	--	--	--	--	--	0.099 U	0.033 U	0.015 U	--	--	--	--	--
2-Chloronaphthalene	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	--	--	--	--	--	--	--	0.099 U	0.0092 U	0.015 U	--	--	--	--	--
Acenaphthene	5.3	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.0031 U	0.015 U	--	--	--	--	--
Acenaphthylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.019 J	0.015 U	--	--	--	--	--
Anthracene	2.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.0082 U	0.015 U	--	--	--	--	--
Benzo(a)anthracene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	0.0092 U	0.015 U	--	--	--	--	--
Benzo(a)pyrene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	0.061 U	0.015 U	--	--	--	--	--
Benzo(b)fluoranthene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	--	0.015 U	--	--	--	--	--
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	--	--	--	--	--	--	--	--	0.032 U	--	--	--	--	--	--
Benzo(ghi)perylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.018 U	0.015 U	--	--	--	--	--
Benzo(k)fluoranthene	0.0016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	--	0.015 U	--	--	--	--	--
Chrysene	0.016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	0.0092 U	0.015 U	--	--	--	--	--
Dibenzo(a,h)anthracene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	0.012 U	0.015 U	--	--	--	--	--
Fluoranthene	1.8	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.029 J	0.015 U	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW3				MW4									
Sample Name		MW3-W-15.0	MW3-W-15.0	MW3-W-15.0	MW3-W-15.0	MW4-0605	MW4-0605	MW4-122705	MW4-041806	MW4-071510	MW-4	MW4	MW4-1	MW-4	MW4
Collection Date		07/23/19	12/17/19	01/29/20	04/28/20	06/09/05	06/09/05	12/27/05	04/18/06	07/15/10	05/01/14	08/20/14	08/20/14	12/02/14	03/10/15
Sample Type		N	N	N	N	N	FD	N	N	N	N	N	FD	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
Collection Depth (ft bgs)		15	15	15	15	20	20	20	20	20	20	20	20	20	20
Fluorene	3.7	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.0082 U	0.015 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	0.015 U	0.015 U	--	--	--	--	--
Naphthalene	1.4	0.4 U	0.4 U	0.4 U	0.4 U	--	--	0.099 U	0.011 J	0.028	--	--	--	--	--
Phenanthrene	NA	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.0064 U	0.015 U	--	--	--	--	--
Pyrene	2	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.099 U	0.03 U	0.015 U	--	--	--	--	--
Total naphthalenes ^(d)	1.4	--	--	--	--	--	--	0.099 U	0.0321 J	0.043	--	--	--	--	--
cPAH TEQ ^(e)	0.0049	0.04 U	0.04 U	0.04 U	0.04 U	--	--	0.0099 U	0.061 U	0.015 U	--	--	--	--	--
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH (ug/L)															
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	500	82	65	50 U	92	--	--	248 U	270 U	78 U	100 U	100 U	100 U	100 U	100 U
Oil-Range Hydrocarbons	500	250 U	250 U	250 U	250 U	--	--	495 U	540 U	390 U	200 U	200 U	200 U	200 U	200 U
Total Diesel + Oil ^(f)	500	207	190	250 U	217	--	--	495 U	540 U	390 U	200 U	200 U	200 U	200 U	200 U
EPH (ug/L)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW4					MW5								
Sample Name		MW4-W-20.0	MWDUP-W-20.0	MW4-W-20.0	MW4-W-20.0	MW4-W-20.0	MW5-122805	MW5-041906	MW5-071610	MW-5	MW-10	MW5	MW-5	MW-12	MW5
Collection Date		07/24/19	07/24/19	12/17/19	01/30/20	04/29/20	12/28/05	04/19/06	07/16/10	05/01/14	05/01/14	08/21/14	12/04/14	12/04/14	03/10/15
Sample Type		N	FD	N	N	N	N	N	N	N	FD	N	N	FD	N
Collection Depth Interval (ft bgs)		15-25	15-25	15-25	15-25	15-25	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		20	20	20	20	20	15	15	15	15	15	15	15	15	15
Dissolved Metals (ug/L)															
Antimony	6	--	--	--	--	--	3 U	--	--	--	--	--	--	--	--
Arsenic	8	12.6	13.3	13.5	12	10.6	4.59	4.9	2.5 U	--	--	--	--	--	--
Beryllium	4	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--
Cadmium	1.2	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--
Chromium, Total	100	1 U	1 U	1 U	1 U	1 U	497,000	32,000	126,000	--	--	--	--	--	--
Chromium, Hexavalent	48	45 U	45 U	45 U	45 U	45 U	450,000	350,000	81,600	--	--	--	--	--	--
Chromium, Trivalent ^(a)	27	1 U	1 U	1 U	1 U	1 U	47,000	ND	44,400	--	--	--	--	--	--
Copper	3.1	5 U	5 U	5 U	5 U	5 U	3.67	2 U	2.5 U	--	--	--	--	--	--
Lead	8.1	--	--	--	--	--	1 U	2 U	0.5 U	--	--	--	--	--	--
Mercury	0.025	--	--	--	--	--	0.2 U	--	--	--	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	32.2	--	--	--	--	--	--	--	--
Selenium	50	1 U	1 U	2 U	1 U	1 U	1000 U	2 U	2.5 U	--	--	--	--	--	--
Silver	1.9	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--
Thallium	0.062	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--
Zinc	81	--	--	--	--	--	14	--	--	--	--	--	--	--	--
Total Metals (ug/L)															
Arsenic	8	--	--	--	--	--	--	--	--	50 U	50 U	50 U	50 U	50 U	6.3
Chromium, Total	100	--	--	--	--	--	--	--	--	75,100	80,500	82,400	32,000	29,000	38,700
Chromium, Hexavalent	48	--	--	--	--	--	--	--	--	80,000	84,500	95,500	27,200	22,200	55,400
Chromium, Trivalent ^(a)	27	--	--	--	--	--	--	--	--	ND	ND	ND	4,800	6,800	ND
Lead	8.1	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	0.1 U
Selenium	50	--	--	--	--	--	--	--	--	50 U	50 U	50 U	50 U	50 U	0.5 U
PCB Aroclors (ug/L)															
Aroclor 1016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs ^(b)	0.000007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (ug/L)															
1,1,1,2-Tetrachloroethane	1.7	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,1,2,2-Tetrachloroethane	0.22	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,1,2-Trichloroethane	0.9	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,1-Dichloroethane	7.7	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,1-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW4					MW5								
Sample Name		MW4- W-20.0	MWDUP-W- 20.0	MW4- W-20.0	MW4- W-20.0	MW4- W-20.0	MW5- 122805	MW5- 041906	MW5- 071610	MW-5	MW-10	MW5	MW-5	MW-12	MW5
Collection Date		07/24/19	07/24/19	12/17/19	01/30/20	04/29/20	12/28/05	04/19/06	07/16/10	05/01/14	05/01/14	08/21/14	12/04/14	12/04/14	03/10/15
Sample Type		N	FD	N	N	N	N	N	N	N	FD	N	N	FD	N
Collection Depth Interval (ft bgs)		15-25	15-25	15-25	15-25	15-25	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		20	20	20	20	20	15	15	15	15	15	15	15	15	15
1,2,3-Trichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	2.5 U	5 U	5 U	25 U
1,2,3-Trichloropropane	0.00038	1 U	1 U	1 U	1 U	1 U	--	--	--	2 U	2 U	2.5 U	2 U	2 U	10 U
1,2,4-Trichlorobenzene	0.96	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	2.5 U	5 U	5 U	25 U
1,2,4-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,2-Dibromo-3-chloropropane	0.2	10 U	10 U	10 U	10 U	10 U	--	--	--	5 U	5 U	2.5 U	5 U	5 U	25 U
1,2-Dibromoethane	0.05	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,2-Dichlorobenzene	4.6	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,2-Dichloroethane	4.2	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,2-Dichloropropane	3.1	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,3,5-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,3-Dichlorobenzene	2	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
1,3-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	1 U	5 U	5 U	25 U
1,4-Dichlorobenzene	4.9	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
2,2-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
2-Butanone	4,800	10 U	10 U	10 U	10 U	10 U	34	--	--	5 U	5 U	25 U	5 U	5 U	25 U
2-Chloroethylvinyl ether	NA	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U	25 U
2-Chlorotoluene	160	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
2-Hexanone	40	10 U	10 U	10 U	10 U	10 U	--	--	--	5 U	5 U	25 U	5 U	5 U	25 U
4-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
4-Isopropyltoluene	NA	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
4-Methyl-2-pentanone	640	10 U	10 U	10 U	10 U	10 U	--	--	--	5 U	5 U	25 U	5 U	5 U	25 U
Acetone	7,200	50 U	50 U	50 U	50 U	50 U	--	--	--	10 U	10 U	25 U	10 U	10 U	50 U
Acrolein	1.1	--	--	--	--	--	--	--	--	10 U	10 U	25 U	10 U	10 U	50 U
Acrylonitrile	0.028	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U	25 U
Benzene	1.6	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Bromobenzene	64	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Bromodichloromethane	1.8	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Bromoethane	NA	--	--	--	--	--	--	--	--	2 U	2 U	1 U	2 U	2 U	10 U
Bromoform	12	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Bromomethane	11	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	5 U	1 U	1 U	5 U
Carbon disulfide	400	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Carbon tetrachloride	0.35	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Chlorobromomethane	NA	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Chloroethane	19,000	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Chloroform	1.2	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Chloromethane	150	10 U	10 U	10 U	10 U	10 U	--	--	--	1 U	1 U	2.5 U	1 U	1 U	5 U
cis-1,2-Dichloroethene	16	1 U	1 U	1 U	1 U	1 U	2.42	1.1	1 U	1 U	1 U	1 U	1 U	1 U	5 U
cis-1,3-Dichloropropene	0.44	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Dibromochloromethane	2.2	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Dibromomethane	80	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
Dichlorodifluoromethane (Freon 12)	5.6	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--

Location	Sample Name	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW4					MW5								
			MW4-W-20.0	MWDUP-W-20.0	MW4-W-20.0	MW4-W-20.0	MW4-W-20.0	MW5-122805	MW5-041906	MW5-071610	MW-5	MW-10	MW5	MW-5	MW-12	MW5
Collection Date	Collection Date	Collection Date	07/24/19	07/24/19	12/17/19	01/30/20	04/29/20	12/28/05	04/19/06	07/16/10	05/01/14	05/01/14	08/21/14	12/04/14	12/04/14	03/10/15
Sample Type	Sample Type	Sample Type	N	FD	N	N	N	N	N	N	N	FD	N	N	FD	N
Collection Depth Interval (ft bgs)	Collection Depth Interval (ft bgs)	Collection Depth Interval (ft bgs)	15-25	15-25	15-25	15-25	15-25	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)	Collection Depth (ft bgs)	Collection Depth (ft bgs)	20	20	20	20	20	15	15	15	15	15	15	15	15	15
Ethylbenzene	31	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Freon 113	180	--	--	--	--	--	--	--	--	--	2 U	2 U	1 U	2 U	2 U	10 U
Hexachlorobutadiene	0.01	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	2.5 U	5 U	5 U	5 U	25 U
Isopropylbenzene	720	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
m,p-Xylene	330	2 U	2 U	2 U	2 U	2 U	--	--	--	2 U	2 U	2 U	2 U	2 U	2 U	10 U
Methyl iodide	NA	--	--	--	--	--	--	--	--	--	1 U	1 U	5 U	1 U	1 U	5 U
Methyl tert-butyl ether	24	1 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--
Methylene chloride	5	5 U	5 U	5 U	5 U	5 U	--	--	--	2 U	2 U	5 U	2 U	2 U	2 U	10 U
Naphthalene	1.4	1 U	1 U	1 U	1 U	1 U	--	--	--	5 U	5 U	2.5 U	5 U	5 U	5 U	25 U
n-Butylbenzene	400	1 U	1 U	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	5 U
n-Hexane	NA	--	--	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	800	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
o-Xylene	330	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
sec-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Styrene	100	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
tert-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Tetrachloroethene	2.9	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Toluene	130	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
trans-1,2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	0.26	0.091 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
trans-1,3-Dichloropropene	0.44	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Trichloroethene	0.7	1 U	1 U	1 U	1 U	1 U	22.1	7.9	1 U	3.1	3.6	3.1	1	1 U	1 U	2.4 J
Trichlorofluoromethane (Freon 11)	120	1 U	1 U	1 U	1 U	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Vinyl acetate	7,800	--	--	--	--	--	--	--	--	5 U	5 U	1 U	5 U	5 U	5 U	25 U
Vinyl chloride	0.18	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.14 U	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Xylenes, Total ^(c)	330	2 U	2 U	2 U	2 U	2 U	--	--	--	2 U	2 U	2 U	2 U	2 U	2 U	10 U
PAHs (ug/L)																
1-Methylnaphthalene	1.5	--	--	--	--	--	0.099 U	0.03 U	0.026	--	--	--	--	--	--	--
2-Chloronaphthalene	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	--	--	--	--	0.099 U	0.017 J	0.027	--	--	--	--	--	--	--
Acenaphthene	5.3	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.0061 J	0.015 U	--	--	--	--	--	--	--
Acenaphthylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.02 J	0.015 U	--	--	--	--	--	--	--
Anthracene	2.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.033 J	0.015 U	--	--	--	--	--	--	--
Benzo(a)anthracene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0086 U	0.015 U	--	--	--	--	--	--	--
Benzo(a)pyrene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.057 U	0.015 U	--	--	--	--	--	--	--
Benzo(b)fluoranthene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	--	0.015 U	--	--	--	--	--	--	--
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	--	--	--	--	--	0.03 U	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.017 U	0.015 U	--	--	--	--	--	--	--
Benzo(k)fluoranthene	0.0016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	--	0.015 U	--	--	--	--	--	--	--
Chrysene	0.016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0086 U	0.015 U	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.011 U	0.015 U	--	--	--	--	--	--	--
Fluoranthene	1.8	0.04 U	0.04 U	0.04 U	0.042	0.04 U	0.099 U	0.032 J	0.015 U	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW4					MW5									
Sample Name		MW4-W-20.0	MWDUP-W-20.0	MW4-W-20.0	MW4-W-20.0	MW4-W-20.0	MW5-122805	MW5-041906	MW5-071610	MW-5	MW-10	MW5	MW-5	MW-12	MW5	
Collection Date		07/24/19	07/24/19	12/17/19	01/30/20	04/29/20	12/28/05	04/19/06	07/16/10	05/01/14	05/01/14	08/21/14	12/04/14	12/04/14	03/10/15	
Sample Type		N	FD	N	N	N	N	N	N	N	FD	N	N	FD	N	
Collection Depth Interval (ft bgs)		15-25	15-25	15-25	15-25	15-25	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	
Collection Depth (ft bgs)		20	20	20	20	20	15	15	15	15	15	15	15	15	15	
Fluorene	3.7	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.0076 U	0.015 U	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.014 U	0.015 U	--	--	--	--	--	--	
Naphthalene	1.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.565	0.13	0.15	--	--	--	--	--	--	
Phenanthrene	NA	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.014 U	0.015 U	--	--	--	--	--	--	
Pyrene	2	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.032 U	0.015 U	--	--	--	--	--	--	
Total naphthalenes ^(d)	1.4	--	--	--	--	--	0.664	0.162 J	0.203	--	--	--	--	--	--	
cPAH TEQ ^(e)	0.0049	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.057 U	0.015 U	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)																
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH (ug/L)																
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	500	50 U	50 U	50 U	50 U	50 U	831	260 U	130	100 U	100 U	100 U	100 U	100 U	100	
Oil-Range Hydrocarbons	500	250 U	250 U	250 U	200 U	250 U	495 U	510 U	390 U	200 U	200 U	200 U	200 U	200 U	200 U	
Total Diesel + Oil ^(f)	500	250 U	250 U	250 U	200 U	250 U	1,079	510 U	325	200 U	200 U	200 U	200 U	200 U	200	
EPH (ug/L)																
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW5								MW6					
Sample Name		MW12	MW5-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW6-122905	MW6-041906	MW6-060806	MW6-071610	MW-6	MW6
Collection Date		03/10/15	07/24/19	12/18/19	12/18/19	01/30/20	01/30/20	04/29/20	04/29/20	12/29/05	04/19/06	06/08/06	07/16/10	04/30/14	08/21/14
Sample Type		FD	N	N	FD	N	FD	N	FD	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
Dissolved Metals (ug/L)															
Antimony	6	--	--	--	--	--	--	--	--	3 U	--	--	--	--	--
Arsenic	8	--	10 U	6.19	6.47	10 U	10 U	5.37	5.17	11.9	24	--	35.7	--	--
Beryllium	4	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--
Cadmium	1.2	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--
Chromium, Total	100	--	132,000	38,900	35,500	42,200	45,200	44,600	48,000	18.7	47	--	27.5	--	--
Chromium, Hexavalent	48	--	117,000 J	31,600	32,200	36,200	37,600	38,500	41,500	6.25 U	20 U	--	100 U	--	--
Chromium, Trivalent ^(a)	27	--	15,000	7,300	3,300	6,000	7,600	6,100	6,500	18.7	47	--	27.5	--	--
Copper	3.1	--	1000 U	5 U	5 U	50 U	50 U	25 U	25 U	4.02	5.1	--	0.54	--	--
Lead	8.1	--	--	--	--	--	--	--	--	1 U	2 U	--	0.14	--	--
Mercury	0.025	--	--	--	--	--	--	--	--	0.2 U	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	--	--	--	16.3	--	--	--	--	--
Selenium	50	--	200 U	1 U	1 U	10 U	10 U	5 U	5 U	12.3	19	--	2.9	--	--
Silver	1.9	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--
Thallium	0.062	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--
Zinc	81	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--
Total Metals (ug/L)															
Arsenic	8	6.2	--	--	--	--	--	--	--	--	--	--	--	80	80
Chromium, Total	100	45,700	--	--	--	--	--	--	--	--	--	--	--	31	23
Chromium, Hexavalent	48	53,800	--	--	--	--	--	--	--	--	--	--	--	10 U	10 U
Chromium, Trivalent ^(a)	27	ND	--	--	--	--	--	--	--	--	--	--	--	31	23
Lead	8.1	0.1 U	--	--	--	--	--	--	--	--	--	--	--	20 U	20 U
Selenium	50	0.5 U	--	--	--	--	--	--	--	--	--	--	--	50 U	50 U
PCB Aroclors (ug/L)															
Aroclor 1016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs ^(b)	0.000007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (ug/L)															
1,1,1,2-Tetrachloroethane	1.7	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
1,1,1-Trichloroethane	200	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
1,1,2,2-Tetrachloroethane	0.22	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
1,1,2-Trichloroethane	0.9	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
1,1-Dichloroethane	7.7	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
1,1-Dichloroethene	7	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
1,1-Dichloropropene	NA	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U

Location	Sample Name	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW5							MW6							
			MW12	MW5-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW6-122905	MW6-041906	MW6-060806	MW6-071610	MW-6	MW6	
Collection Date	Sample Type	Collection Depth Interval (ft bgs)	Collection Depth (ft bgs)	03/10/15	07/24/19	12/18/19	12/18/19	01/30/20	01/30/20	04/29/20	04/29/20	12/29/05	04/19/06	06/08/06	07/16/10	04/30/14	08/21/14
				25 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	25 U	2.5 U
		NA		10 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	10 U	2.5 U
		0.00038		25 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	25 U	2.5 U
		0.96		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		80		25 U	100 U	50 U	50 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	2.5 U
		0.2		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		0.05		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		4.6		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		4.2		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		3.1		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		80		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		2		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		NA		25 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	25 U	1 U
		4.9		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		NA		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		4,800		25 U	100 U	50 U	50 U	10 U	10 U	10 U	10 U	10.7	--	--	--	25 U	25 U
		NA		25 U	--	--	--	--	--	--	--	--	--	--	--	25 U	5 U
		160		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		40		25 U	100 U	50 U	50 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	25 U
		NA		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		NA		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		640		25 U	100 U	50 U	50 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	25 U
		7,200		50 U	500 U	250 U	250 U	50 U	50 U	50 U	50 U	--	--	--	--	50 U	25 U
		1.1		50 U	--	--	--	--	--	--	--	--	--	--	--	50 U	25 U
		0.028		25 U	--	--	--	--	--	--	--	--	--	--	--	25 U	5 U
		1.6		5 U	3.5 U	1.7 U	1.7 U	0.35 U	0.35 U	0.35 U	0.35 U	--	--	0.4 U	--	5 U	1 U
		64		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		1.8		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		NA		10 U	--	--	--	--	--	--	--	--	--	--	--	10 U	1 U
		12		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		11		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	5 U
		400		5 U	--	--	--	--	--	--	--	--	--	--	--	5 U	1 U
		0.35		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		100		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		NA		5 U	--	--	--	--	--	--	--	--	--	--	--	5 U	1 U
		19,000		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		1.2		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		150		5 U	100 U	50 U	50 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	2.5 U
		16		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	0.062 U	--	1 U	5 U	1 U
		0.44		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		2.2		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		80		5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U
		5.6		--	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--

Location	Sample Name	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW5							MW6							
			MW12	MW5-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW6-122905	MW6-041906	MW6-060806	MW6-071610	MW-6	MW6	
Collection Date	Sample Type	Collection Depth Interval (ft bgs)	Collection Depth (ft bgs)	03/10/15	07/24/19	12/18/19	12/18/19	01/30/20	01/30/20	04/29/20	04/29/20	12/29/05	04/19/06	06/08/06	07/16/10	04/30/14	08/21/14
Ethylbenzene	31	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	0.5 U	--	5 U	1 U		
Freon 113	180	10 U	--	--	--	--	--	--	--	--	--	--	--	--	10 U	1 U	
Hexachlorobutadiene	0.01	25 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	25 U	2.5 U		
Isopropylbenzene	720	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
m,p-Xylene	330	10 U	20 U	10 U	10 U	2 U	2 U	2 U	2 U	--	--	--	--	10 U	2 U		
Methyl iodide	NA	5 U	--	--	--	--	--	--	--	--	--	--	--	5 U	5 U		
Methyl tert-butyl ether	24	--	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--		
Methylene chloride	5	10 U	50 U	25 U	25 U	5 U	5 U	5 U	5 U	--	--	--	--	10 U	5 U		
Naphthalene	1.4	25 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	25 U	2.5 U		
n-Butylbenzene	400	5 U	10 U	--	--	--	--	--	--	--	--	--	--	5 U	1 U		
n-Hexane	NA	--	--	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	--	--		
n-Propylbenzene	800	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
o-Xylene	330	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
sec-Butylbenzene	800	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
Styrene	100	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
tert-Butylbenzene	800	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
Tetrachloroethene	2.9	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
Toluene	130	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	0.5 U	--	5 U	1 U		
trans-1,2-Dichloroethene	100	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	0.091 U	--	1 U	5 U	1 U		
trans-1,3-Dichloropropene	0.44	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
trans-1,4-Dichloro-2-butene	NA	25 U	--	--	--	--	--	--	--	--	--	--	--	25 U	5 U		
Trichloroethene	0.7	2.2 J	10 U	5 U	5 U	3.3	3.2	3.3	3.4	1 U	0.055 U	--	1 U	5 U	1 U		
Trichlorofluoromethane (Freon 11)	120	5 U	10 U	5 U	5 U	1 U	1 U	1 U	1 U	--	--	--	--	5 U	1 U		
Vinyl acetate	7,800	25 U	--	--	--	--	--	--	--	--	--	--	--	25 U	1 U		
Vinyl chloride	0.18	5 U	2 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.14 U	--	0.2 U	5 U	1 U		
Xylenes, Total ^(c)	330	10 U	20 U	10 U	10 U	2 U	2 U	2 U	2 U	--	--	1.5 U	--	10 U	2 U		
PAHs (ug/L)																	
1-Methylnaphthalene	1.5	--	--	--	--	--	--	--	--	0.099 U	0.033 U	--	0.015 U	--	--		
2-Chloronaphthalene	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
2-Methylnaphthalene	32	--	--	--	--	--	--	--	--	0.099 U	0.012 J	--	0.015 U	--	--		
Acenaphthene	5.3	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.0031 U	--	0.015 U	--	--		
Acenaphthylene	NA	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.0041 U	--	0.015 U	--	--		
Anthracene	2.1	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.039 J	--	0.015 U	--	--		
Benzo(a)anthracene	0.00016	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0093 U	--	0.015 U	--	--		
Benzo(a)pyrene	0.000016	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.062 U	--	0.015 U	--	--		
Benzo(b)fluoranthene	0.00016	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	--	--	0.015 U	--	--		
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	--	--	--	--	--	--	--	--	0.032 U	--	--	--	--		
Benzo(ghi)perylene	NA	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.019 U	--	0.015 U	--	--		
Benzo(k)fluoranthene	0.0016	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	--	--	0.015 U	--	--		
Chrysene	0.016	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0093 U	--	0.015 U	--	--		
Dibenzo(a,h)anthracene	0.000016	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.012 U	--	0.015 U	--	--		
Fluoranthene	1.8	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.033 J	--	0.015 U	--	--		

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW5							MW6						
Sample Name		MW12	MW5-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW5-W-15.0	MWDUP-W-15.0	MW6-122905	MW6-041906	MW6-060806	MW6-071610	MW-6	MW6
Collection Date		03/10/15	07/24/19	12/18/19	12/18/19	01/30/20	01/30/20	04/29/20	04/29/20	12/29/05	04/19/06	06/08/06	07/16/10	04/30/14	08/21/14
Sample Type		FD	N	N	FD	N	FD	N	FD	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
Fluorene	3.7	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.0083 U	--	0.015 U	--	--
Indeno(1,2,3-cd)pyrene	0.00016	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.016 U	--	0.015 U	--	--
Naphthalene	1.4	--	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.099 U	0.013 J	--	0.021	--	--
Phenanthrene	NA	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.011 U	--	0.015 U	--	--
Pyrene	2	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.034 U	--	0.015 U	--	--
Total naphthalenes ^(d)	1.4	--	--	--	--	--	--	--	--	0.099 U	0.0415 J	--	0.036	--	--
cPAH TEQ ^(e)	0.0049	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.062 U	--	0.015 U	--	--
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH (ug/L)															
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	500	100 U	93	58	67	94	75	130	97	2,640	760	1,070	730	720	300
Oil-Range Hydrocarbons	500	200 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	1,320	1,200	1,260	930	850	200 U
Total Diesel + Oil ^(f)	500	200 U	218	183	192	219	200	255	222	3,960	1,960	2,330	1,660	1,570	400
EPH (ug/L)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	30 U	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW6						MW8							
Sample Name		MW-6	MW6	MW-6-W-15.0	MW6- W-15.0	MW6- W-15.0	MW6- W-15.0	MW8- 122805	MW8- 122805	MW8- 041806	MW-8-071510	MW-8	MW8	MW-8	MW8
Collection Date		12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20	12/28/05	12/28/05	04/18/06	07/15/10	05/01/14	08/20/14	12/03/14	03/10/15
Sample Type		N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
Dissolved Metals (ug/L)															
Antimony	6	--	--	--	--	--	--	3 U	3 U	--	--	--	--	--	--
Arsenic	8	--	--	42.8	46.4	48.7	48.1	6.41	7.85	4.8	6.3	--	--	--	--
Beryllium	4	--	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--
Cadmium	1.2	--	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--
Chromium, Total	100	--	--	34.5	17.4	20.3	25.9	7.55	8.49	21	8.4	--	--	--	--
Chromium, Hexavalent	48	--	--	45 U	450 U	45 U	225 U	6.25 U	6.25 U	20 U	50 U	--	--	--	--
Chromium, Trivalent ^(a)	27	--	--	34.5	17.4	20.3	25.9	7.55	8.49	21	8.4	--	--	--	--
Copper	3.1	--	--	210	5 U	5 U	25 U	1 U	1.03	2 U	0.5 U	--	--	--	--
Lead	8.1	--	--	--	--	--	--	1 U	1 U	2 U	0.1 U	--	--	--	--
Mercury	0.025	--	--	--	--	--	--	0.2 U	0.2 U	--	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	--	2.91	3.14	--	--	--	--	--	--
Selenium	50	--	--	11.8	13.5	14.3	6.15	4.11	4.27	3.6	0.5 U	--	--	--	--
Silver	1.9	--	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--
Thallium	0.062	--	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--
Zinc	81	--	--	--	--	--	--	10 U	10 U	--	--	--	--	--	--
Total Metals (ug/L)															
Arsenic	8	70	40.5	--	--	--	--	--	--	--	--	50 U	50	50 U	9.2
Chromium, Total	100	25	19	--	--	--	--	--	--	--	--	11	8	12	6.8
Chromium, Hexavalent	48	10 U	10 U	--	--	--	--	--	--	--	--	23	17	10 U	10 U
Chromium, Trivalent ^(a)	27	25	19	--	--	--	--	--	--	--	--	ND	ND	12	6.8
Lead	8.1	20 U	0.2	--	--	--	--	--	--	--	--	20 U	20 U	20 U	0.1 U
Selenium	50	50 U	7.4	--	--	--	--	--	--	--	--	50 U	50 U	50 U	1.3
PCB Aroclors (ug/L)															
Aroclor 1016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs ^(b)	0.000007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (ug/L)															
1,1,1,2-Tetrachloroethane	1.7	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,1,1-Trichloroethane	200	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,1,2,2-Tetrachloroethane	0.22	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,1,2-Trichloroethane	0.9	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,1-Dichloroethane	7.7	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,1-Dichloroethene	7	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,1-Dichloropropene	NA	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW6						MW8							
Sample Name		MW-6	MW6	MW-6-W-15.0	MW6- W-15.0	MW6- W-15.0	MW6- W-15.0	MW8- 122805	MW8- 122805	MW8- 041806	MW-8-071510	MW-8	MW8	MW-8	MW8
Collection Date		12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20	12/28/05	12/28/05	04/18/06	07/15/10	05/01/14	08/20/14	12/03/14	03/10/15
Sample Type		N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
1,2,3-Trichlorobenzene	NA	25 U	25 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	2.5 U	25 U	25 U
1,2,3-Trichloropropane	0.00038	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	10 U	2.5 U	10 U	10 U
1,2,4-Trichlorobenzene	0.96	25 U	25 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	2.5 U	25 U	25 U
1,2,4-Trimethylbenzene	80	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.2	25 U	25 U	100 U	100 U	100 U	100 U	--	--	--	--	25 U	2.5 U	25 U	25 U
1,2-Dibromoethane	0.05	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,2-Dichlorobenzene	4.6	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,2-Dichloroethane	4.2	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,2-Dichloropropane	3.1	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,3,5-Trimethylbenzene	80	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,3-Dichlorobenzene	2	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
1,3-Dichloropropane	NA	25 U	25 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	1 U	25 U	25 U
1,4-Dichlorobenzene	4.9	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
2,2-Dichloropropane	NA	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
2-Butanone	4,800	25 U	25 U	100 U	100 U	100 U	100 U	17	15.5	--	--	25 U	25 U	25 U	25 U
2-Chloroethylvinyl ether	NA	25 U	25 U	--	--	--	--	--	--	--	--	25 U	5 U	25 U	25 U
2-Chlorotoluene	160	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
2-Hexanone	40	25 U	25 U	100 U	100 U	100 U	100 U	--	--	--	--	25 U	25 U	25 U	25 U
4-Chlorotoluene	NA	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
4-Isopropyltoluene	NA	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
4-Methyl-2-pentanone	640	25 U	25 U	100 U	100 U	100 U	100 U	--	--	--	--	25 U	25 U	25 U	25 U
Acetone	7,200	50 U	50 U	500 U	500 U	500 U	500 U	--	--	--	--	50 U	25 U	50 U	50 U
Acrolein	1.1	50 U	50 U	--	--	--	--	--	--	--	--	50 U	25 U	50 U	50 U
Acrylonitrile	0.028	25 U	25 U	--	--	--	--	--	--	--	--	25 U	5 U	25 U	25 U
Benzene	1.6	5 U	5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	--	--	--	5 U	1 U	5 U	5 U
Bromobenzene	64	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Bromodichloromethane	1.8	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Bromoethane	NA	10 U	10 U	--	--	--	--	--	--	--	--	10 U	1 U	10 U	10 U
Bromoform	12	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Bromomethane	11	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	5 U	5 U	5 U
Carbon disulfide	400	5 U	5 U	--	--	--	--	--	--	--	--	5 U	1 U	5 U	5 U
Carbon tetrachloride	0.35	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Chlorobenzene	100	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Chlorobromomethane	NA	5 U	5 U	--	--	--	--	--	--	--	--	5 U	1 U	5 U	5 U
Chloroethane	19,000	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Chloroform	1.2	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Chloromethane	150	5 U	5 U	100 U	100 U	100 U	100 U	--	--	--	--	5 U	2.5 U	5 U	5 U
cis-1,2-Dichloroethene	16	5 U	5 U	10 U	10 U	10 U	10 U	1.03	0.92	1.5	0.5 U	5 U	1 U	5 U	5 U
cis-1,3-Dichloropropene	0.44	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Dibromochloromethane	2.2	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Dibromomethane	80	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Dichlorodifluoromethane (Freon 12)	5.6	--	--	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW6						MW8							
Sample Name		MW-6	MW6	MW-6-W-15.0	MW6-W-15.0	MW6-W-15.0	MW6-W-15.0	MW8-122805	MW8-122805	MW8-041806	MW-8-071510	MW-8	MW8	MW-8	MW8
Collection Date		12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20	12/28/05	12/28/05	04/18/06	07/15/10	05/01/14	08/20/14	12/03/14	03/10/15
Sample Type		N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
Ethylbenzene	31	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Freon 113	180	10 U	10 U	--	--	--	--	--	--	--	--	10 U	1 U	10 U	10 U
Hexachlorobutadiene	0.01	25 U	25 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	2.5 U	25 U	25 U
Isopropylbenzene	720	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
m,p-Xylene	330	10 U	10 U	20 U	20 U	20 U	20 U	--	--	--	--	10 U	2 U	10 U	10 U
Methyl iodide	NA	5 U	5 U	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	24	--	--	10 U	10 U	10 U	10 U	--	--	--	--	--	--	--	--
Methylene chloride	5	10 U	10 U	50 U	50 U	50 U	50 U	--	--	--	--	10 U	5 U	10 U	10 U
Naphthalene	1.4	25 U	25 U	10 U	10 U	10 U	10 U	--	--	--	--	25 U	2.5 U	25 U	25 U
n-Butylbenzene	400	5 U	5 U	10 U	--	--	--	--	--	--	--	5 U	1 U	5 U	5 U
n-Hexane	NA	--	--	--	10 U	10 U	10 U	--	--	--	--	--	--	--	--
n-Propylbenzene	800	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
o-Xylene	330	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
sec-Butylbenzene	800	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Styrene	100	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
tert-Butylbenzene	800	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Tetrachloroethene	2.9	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Toluene	130	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
trans-1,2-Dichloroethene	100	5 U	5 U	10 U	10 U	10 U	10 U	0.2 U	0.2 U	0.091 U	0.5 U	5 U	1 U	5 U	5 U
trans-1,3-Dichloropropene	0.44	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
trans-1,4-Dichloro-2-butene	NA	25 U	25 U	--	--	--	--	--	--	--	--	25 U	5 U	25 U	25 U
Trichloroethene	0.7	5 U	5 U	10 U	10 U	10 U	10 U	0.2 U	0.2 U	0.055 U	0.5 U	5 U	1 U	5 U	5 U
Trichlorofluoromethane (Freon 11)	120	5 U	5 U	10 U	10 U	10 U	10 U	--	--	--	--	5 U	1 U	5 U	5 U
Vinyl acetate	7,800	25 U	25 U	--	--	--	--	--	--	--	--	25 U	1 U	25 U	25 U
Vinyl chloride	0.18	5 U	5 U	2 U	2 U	2 U	2 U	0.56	0.4	0.8 J	0.2 U	5 U	1 U	5 U	5 U
Xylenes, Total ^(c)	330	10 U	10 U	20 U	20 U	20 U	20 U	--	--	--	--	10 U	2 U	10 U	10 U
PAHs (ug/L)															
1-Methylnaphthalene	1.5	--	--	--	--	--	--	0.12	0.103	0.04 U	0.018	--	--	--	--
2-Chloronaphthalene	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	--	--	--	--	--	0.099 U	0.099 U	0.011 U	0.025	--	--	--	--
Acenaphthene	5.3	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.0038 U	0.015 U	--	--	--	--
Acenaphthylene	NA	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.005 U	0.015 U	--	--	--	--
Anthracene	2.1	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.01 U	0.015 U	--	--	--	--
Benzo(a)anthracene	0.00016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	0.011 U	0.015 U	--	--	--	--
Benzo(a)pyrene	0.000016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	0.075 U	0.015 U	--	--	--	--
Benzo(b)fluoranthene	0.00016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	--	0.015 U	--	--	--	--
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	--	--	--	--	--	--	--	0.039 U	--	--	--	--	--
Benzo(ghi)perylene	NA	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.023 U	0.015 U	--	--	--	--
Benzo(k)fluoranthene	0.0016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	--	0.015 U	--	--	--	--
Chrysene	0.016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	0.011 U	0.015 U	--	--	--	--
Dibenzo(a,h)anthracene	0.000016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	0.015 U	0.015 U	--	--	--	--
Fluoranthene	1.8	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.011 U	0.015 U	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW6						MW8							
Sample Name		MW-6	MW6	MW-6-W-15.0	MW6-W-15.0	MW6-W-15.0	MW6-W-15.0	MW8-122805	MW8-122805	MW8-041806	MW-8-071510	MW-8	MW8	MW-8	MW8
Collection Date		12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20	12/28/05	12/28/05	04/18/06	07/15/10	05/01/14	08/20/14	12/03/14	03/10/15
Sample Type		N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
Fluorene	3.7	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.01 U	0.015 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.00016	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	0.019 U	0.015 U	--	--	--	--
Naphthalene	1.4	--	--	0.4 U	0.4 U	0.4 U	0.4 U	0.099 U	0.099 U	0.0075 U	0.049	--	--	--	--
Phenanthrene	NA	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.0038 U	0.015 U	--	--	--	--
Pyrene	2	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.099 U	0.099 U	0.016 U	0.015 U	--	--	--	--
Total naphthalenes ^(d)	1.4	--	--	--	--	--	--	0.219	0.202	0.04 U	0.092	--	--	--	--
cPAH TEQ ^(e)	0.0049	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.0099 U	0.0099 U	0.075 U	0.015 U	--	--	--	--
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH (ug/L)															
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	500	770	390	550	410	370	590	1,710	1,790	450	280	340	440	420	320
Oil-Range Hydrocarbons	500	790	330	580	700	810	550	1,000	1,210	580 U	390 U	290	380	240	220
Total Diesel + Oil ^(f)	500	1,560	720	1,130	1,110	810	1,140	2,710	3,000	740	475	630	820	660	540
EPH (ug/L)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW8				MW10							MW11		
Sample Name		MW-8-W-19.0	MW8-W-15.0	MW8-W-15.0	MW8-W-15.0	MW10	MW-10	MW10	MW-10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW11	MW-11	MW11
Collection Date		07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/03/14	03/09/15	07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/04/14	03/10/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
Dissolved Metals (ug/L)															
Antimony	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	8	20.4	22.2	18.6	6.38	--	--	--	16.2	13.2	25.5	14.9	--	--	--
Beryllium	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, Total	100	8.82	10 U	10 U	6.3	--	--	--	7.96	7.67	10.5	11.5	--	--	--
Chromium, Hexavalent	48	45 U	135 U	45 U	45 U	--	--	--	45 U	135 U	90 U	45 U	--	--	--
Chromium, Trivalent ^(a)	27	8.82	10 U	10 U	6.3	--	--	--	7.96	7.67	10.5	11.5	--	--	--
Copper	3.1	44.7	50 U	5 U	5 U	--	--	--	5 U	5 U	5 U	5 U	--	--	--
Lead	8.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.025	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	2.99	3.44	5 U	1 U	--	--	--	4.34	10.4	5 U	3.68	--	--	--
Silver	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	0.062	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Metals (ug/L)															
Arsenic	8	--	--	--	--	50 U	50 U	21.2	--	--	--	--	50 U	50 U	4.2
Chromium, Total	100	--	--	--	--	5 U	9	9	--	--	--	--	5 U	5	2.7
Chromium, Hexavalent	48	--	--	--	--	10 U	10 U	10 U	--	--	--	--	10 U	12	10 U
Chromium, Trivalent ^(a)	27	--	--	--	--	5 U	9	9	--	--	--	--	5 U	ND	2.7
Lead	8.1	--	--	--	--	20 U	20 U	0.2	--	--	--	--	20 U	20 U	0.1 U
Selenium	50	--	--	--	--	50 U	50 U	4	--	--	--	--	50 U	50 U	1.1
PCB Aroclors (ug/L)															
Aroclor 1016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs ^(b)	0.000007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (ug/L)															
1,1,1,2-Tetrachloroethane	1.7	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,1,1-Trichloroethane	200	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,1,2,2-Tetrachloroethane	0.22	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,1,2-Trichloroethane	0.9	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,1-Dichloroethane	7.7	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,1-Dichloroethene	7	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,1-Dichloropropene	NA	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW8				MW10							MW11		
Sample Name		MW-8-W-19.0	MW8-W-15.0	MW8-W-15.0	MW8-W-15.0	MW10	MW-10	MW10	MW-10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW11	MW-11	MW11
Collection Date		07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/03/14	03/09/15	07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/04/14	03/10/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
1,2,3-Trichlorobenzene	NA	1 U	10 U	1 U	1 U	2.5 U	5 U	5 U	1 U	10 U	10 U	10 U	2.5 U	50 U	25 U
1,2,3-Trichloropropane	0.00038	1 U	10 U	1 U	1 U	2.5 U	2 U	2 U	1 U	10 U	10 U	10 U	2.5 U	20 U	10 U
1,2,4-Trichlorobenzene	0.96	1 U	10 U	1 U	1 U	2.5 U	5 U	5 U	1 U	10 U	10 U	10 U	2.5 U	50 U	25 U
1,2,4-Trimethylbenzene	80	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,2-Dibromo-3-chloropropane	0.2	10 U	100 U	10 U	10 U	2.5 U	5 U	5 U	10 U	100 U	100 U	100 U	2.5 U	50 U	25 U
1,2-Dibromoethane	0.05	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,2-Dichlorobenzene	4.6	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,2-Dichloroethane	4.2	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,2-Dichloropropane	3.1	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,3,5-Trimethylbenzene	80	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,3-Dichlorobenzene	2	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
1,3-Dichloropropane	NA	1 U	10 U	1 U	1 U	1 U	5 U	5 U	1 U	10 U	10 U	10 U	1 U	50 U	25 U
1,4-Dichlorobenzene	4.9	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
2,2-Dichloropropane	NA	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
2-Butanone	4,800	10 U	100 U	10 U	10 U	25 U	5 U	5 U	10 U	100 U	100 U	100 U	25 U	50 U	25 U
2-Chloroethylvinyl ether	NA	--	--	--	--	5 U	5 U	5 U	--	--	--	--	5 U	50 U	25 U
2-Chlorotoluene	160	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
2-Hexanone	40	10 U	100 U	10 U	10 U	25 U	5 U	5 U	10 U	100 U	100 U	100 U	25 U	50 U	25 U
4-Chlorotoluene	NA	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
4-Isopropyltoluene	NA	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
4-Methyl-2-pentanone	640	10 U	100 U	10 U	10 U	25 U	5 U	5 U	10 U	100 U	100 U	100 U	25 U	50 U	25 U
Acetone	7,200	50 U	500 U	50 U	50 U	25 U	10 U	10 U	50 U	500 U	500 U	500 U	25 U	100 U	50 U
Acrolein	1.1	--	--	--	--	25 U	10 U	10 U	--	--	--	--	25 U	100 U	50 U
Acrylonitrile	0.028	--	--	--	--	5 U	5 U	5 U	--	--	--	--	5 U	50 U	25 U
Benzene	1.6	0.35 U	3.5 U	0.35 U	0.35 U	1 U	1 U	1 U	0.35 U	3.5 U	3.5 U	3.5 U	1 U	10 U	5 U
Bromobenzene	64	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Bromodichloromethane	1.8	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Bromoethane	NA	--	--	--	--	1 U	2 U	2 U	--	--	--	--	1 U	20 U	10 U
Bromoform	12	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Bromomethane	11	1 U	10 U	1 U	1 U	5 U	1 U	1 U	1 U	10 U	10 U	10 U	5 U	10 U	5 U
Carbon disulfide	400	--	--	--	--	1 U	1 U	1 U	--	--	--	--	1 U	10 U	5 U
Carbon tetrachloride	0.35	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Chlorobenzene	100	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Chlorobromomethane	NA	--	--	--	--	1 U	1 U	1 U	--	--	--	--	1 U	10 U	5 U
Chloroethane	19,000	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Chloroform	1.2	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Chloromethane	150	10 U	100 U	10 U	10 U	2.5 U	1 U	1 U	10 U	100 U	100 U	100 U	2.5 U	10 U	5 U
cis-1,2-Dichloroethene	16	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
cis-1,3-Dichloropropene	0.44	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Dibromochloromethane	2.2	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Dibromomethane	80	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U
Dichlorodifluoromethane (Freon 12)	5.6	1 U	10 U	1 U	1 U	--	--	--	1 U	10 U	10 U	10 U	--	--	--

Location	Sample Name	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW8				MW10				MW11					
			MW-8-W-19.0	MW8-W-15.0	MW8-W-15.0	MW8-W-15.0	MW10	MW-10	MW10	MW-10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW11	MW-11	MW11
Collection Date	Collection Date	Collection Date	07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/03/14	03/09/15	07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/04/14	03/10/15
Sample Type	Sample Type	Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)	Collection Depth Interval (ft bgs)	Collection Depth Interval (ft bgs)	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)	Collection Depth (ft bgs)	Collection Depth (ft bgs)	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Ethylbenzene	31	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
Freon 113	180	--	--	--	--	1 U	2 U	2 U	--	--	--	--	1 U	20 U	10 U	
Hexachlorobutadiene	0.01	1 U	10 U	1 U	1 U	2.5 U	5 U	5 U	1 U	10 U	10 U	10 U	2.5 U	50 U	25 U	
Isopropylbenzene	720	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
m,p-Xylene	330	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	20 U	20 U	2 U	20 U	10 U	
Methyl iodide	NA	--	--	--	--	5 U	1 U	1 U	--	--	--	--	5 U	10 U	5 U	
Methyl tert-butyl ether	24	1 U	10 U	1 U	1 U	--	--	--	1 U	10 U	10 U	10 U	--	--	--	
Methylene chloride	5	5 U	50 U	5 U	5 U	5 U	2 U	2 U	5 U	50 U	50 U	50 U	5 U	20 U	10 U	
Naphthalene	1.4	1 U	10 U	1 U	1 U	2.5 U	5 U	5 U	1 U	10 U	10 U	10 U	2.5 U	50 U	25 U	
n-Butylbenzene	400	1 U	--	--	--	1 U	1 U	1 U	1 U	--	--	--	1 U	10 U	5 U	
n-Hexane	NA	--	10 U	1 U	1 U	--	--	--	--	10 U	10 U	10 U	--	--	--	
n-Propylbenzene	800	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
o-Xylene	330	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
sec-Butylbenzene	800	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
Styrene	100	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
tert-Butylbenzene	800	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
Tetrachloroethene	2.9	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
Toluene	130	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
trans-1,2-Dichloroethene	100	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
trans-1,3-Dichloropropene	0.44	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	5 U	5 U	5 U	--	--	--	--	5 U	50 U	25 U	
Trichloroethene	0.7	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
Trichlorofluoromethane (Freon 11)	120	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	5 U	
Vinyl acetate	7,800	--	--	--	--	1 U	5 U	5 U	--	--	--	--	1 U	50 U	25 U	
Vinyl chloride	0.18	0.2 U	2 U	0.2 U	0.2 U	1 U	1 U	1 U	0.2 U	2 U	2 U	2 U	1 U	10 U	5 U	
Xylenes, Total ^(c)	330	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	20 U	20 U	2 U	20 U	10 U	
PAHs (ug/L)																
1-Methylnaphthalene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	5.3	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Acenaphthylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Anthracene	2.1	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Benzo(a)anthracene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Benzo(a)pyrene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Benzo(b)fluoranthene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Benzo(k)fluoranthene	0.0016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Chrysene	0.016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Dibenzo(a,h)anthracene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--
Fluoranthene	1.8	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW8				MW10							MW11		
Sample Name		MW-8-W-19.0	MW8-W-15.0	MW8-W-15.0	MW8-W-15.0	MW10	MW-10	MW10	MW-10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW10-W-15.0	MW11	MW-11	MW11
Collection Date		07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/03/14	03/09/15	07/24/19	12/18/19	01/29/20	04/28/20	08/21/14	12/04/14	03/10/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Collection Depth (ft bgs)		15	15	15	15	15	15	15	15	15	15	15	15	15	15
Fluorene	3.7	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--
Indeno(1,2,3-cd)pyrene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--
Naphthalene	1.4	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--
Phenanthrene	NA	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--
Pyrene	2	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--
Total naphthalenes ^(d)	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cPAH TEQ ^(e)	0.0049	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--
Hydrocarbon Identification (Presence/Absence)															
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH (ug/L)															
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	500	370	430	300	340	130	390	540	370	440	410	650	120	260	230
Oil-Range Hydrocarbons	500	250 U	260	250 U	250 U	200 U	310	430	250 U	360	690	640	200 U	200 U	210
Total Diesel + Oil ^(f)	500	495	690	425	465	230	700	970	495	800	690	1,290	220	360	440
EPH (ug/L)															
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW11				SB3		SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Sample Name		MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	SB3	SB3D	SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Collection Date		07/23/19	12/17/19	01/29/20	04/28/20	08/08/14	08/08/14	08/07/14	08/08/14	08/08/14	08/08/14	08/08/14	08/07/14	08/07/14	08/07/14	08/07/14
Sample Type		N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	12-17	12-17	7-12	11-16	11-16	14-19	4.5-14.5	6-11	8-13	5-10	4-14
Collection Depth (ft bgs)		15	15	15	15	14.5	14.5	9.5	13.5	13.5	16.5	9.5	8.5	10.5	7.5	9
Dissolved Metals (ug/L)																
Antimony	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	8	10 U	6.16	7.16	4.1	--	--	--	--	--	--	--	--	--	--	--
Beryllium	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, Total	100	10 U	2.48	3.42	3.1	--	--	--	--	--	--	--	--	--	--	--
Chromium, Hexavalent	48	45 UJ	45 U	45 U	45 U	--	--	--	--	--	--	--	--	--	--	--
Chromium, Trivalent ^(a)	27	10 U	2.48	3.42	3.1	--	--	--	--	--	--	--	--	--	--	--
Copper	3.1	50 U	5 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Lead	8.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10 U	2.66	1.76	1 U	--	--	--	--	--	--	--	--	--	--	--
Silver	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	0.062	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Metals (ug/L)																
Arsenic	8	--	--	--	--	60	60	80	300	50 U	100	50 U	60	60	50 U	50 U
Chromium, Total	100	--	--	--	--	418	265	63	570	91	340	331	10	76	31	47
Chromium, Hexavalent	48	--	--	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	14	12	10 U
Chromium, Trivalent ^(a)	27	--	--	--	--	418	265	63	570	91	340	331	10	62	19	47
Lead	8.1	--	--	--	--	80	120	40	100	20 U	70	20 U	40	60	20	70
Selenium	50	--	--	--	--	50 U	50 U	50 U	200 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U
PCB Aroclors (ug/L)																
Aroclor 1016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs ^(b)	0.000007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (ug/L)																
1,1,1,2-Tetrachloroethane	1.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.22	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	7.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW11				SB3		SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Sample Name		MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	SB3	SB3D	SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Collection Date		07/23/19	12/17/19	01/29/20	04/28/20	08/08/14	08/08/14	08/07/14	08/08/14	08/08/14	08/08/14	08/08/14	08/07/14	08/07/14	08/07/14	08/07/14
Sample Type		N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	12-17	12-17	7-12	11-16	11-16	14-19	4.5-14.5	6-11	8-13	5-10	4-14
Collection Depth (ft bgs)	15	15	15	15	14.5	14.5	9.5	13.5	13.5	16.5	9.5	8.5	10.5	7.5	9	
1,2,3-Trichlorobenzene	NA	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	--	2.5 U
1,2,3-Trichloropropane	0.00038	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	--	2.5 U
1,2,4-Trichlorobenzene	0.96	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	--	2.5 U
1,2,4-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	13
1,2-Dibromo-3-chloropropane	0.2	10 U	10 U	10 U	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	--	2.5 U
1,2-Dibromoethane	0.05	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
1,2-Dichlorobenzene	4.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
1,2-Dichloroethane	4.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
1,2-Dichloropropane	3.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
1,3,5-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	6.6
1,3-Dichlorobenzene	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
1,3-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
1,4-Dichlorobenzene	4.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
2,2-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
2-Butanone	4,800	10 U	10 U	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	--	25 U
2-Chloroethylvinyl ether	NA	--	--	--	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	5 U
2-Chlorotoluene	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
2-Hexanone	40	10 U	10 U	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	--	25 U
4-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
4-Isopropyltoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
4-Methyl-2-pentanone	640	10 U	10 U	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	--	25 U
Acetone	7,200	50 U	50 U	50 U	50 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	--	25 U
Acrolein	1.1	--	--	--	--	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	--	--	25 U
Acrylonitrile	0.028	--	--	--	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	5 U
Benzene	1.6	0.35 U	0.35 U	0.35 U	0.35 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Bromobenzene	64	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Bromodichloromethane	1.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Bromoethane	NA	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Bromoform	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Bromomethane	11	1 U	1 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	5 U
Carbon disulfide	400	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Carbon tetrachloride	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Chlorobromomethane	NA	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Chloroethane	19,000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Chloroform	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Chloromethane	150	10 U	10 U	10 U	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	--	2.5 U
cis-1,2-Dichloroethene	16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
cis-1,3-Dichloropropene	0.44	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Dibromochloromethane	2.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Dibromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Dichlorodifluoromethane (Freon 12)	5.6	1 U	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW11				SB3		SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Sample Name		MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	SB3	SB3D	SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Collection Date		07/23/19	12/17/19	01/29/20	04/28/20	08/08/14	08/08/14	08/07/14	08/08/14	08/08/14	08/08/14	08/08/14	08/07/14	08/07/14	08/07/14	08/07/14
Sample Type		N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	12-17	12-17	7-12	11-16	11-16	14-19	4.5-14.5	6-11	8-13	5-10	4-14
Collection Depth (ft bgs)	15	15	15	15	14.5	14.5	9.5	13.5	13.5	16.5	9.5	8.5	10.5	7.5	9	
Ethylbenzene	31	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	16
Freon 113	180	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Hexachlorobutadiene	0.01	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	--	2.5 U
Isopropylbenzene	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	2.3
m,p-Xylene	330	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	--	--	26
Methyl iodide	NA	--	--	--	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	5 U
Methyl tert-butyl ether	24	1 U	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	5 U
Naphthalene	1.4	1 U	1 U	1 U	1 U	2.5 U	2.5 U	3.1	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	--	--	6.2
n-Butylbenzene	400	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
n-Hexane	NA	--	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	5
o-Xylene	330	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	5
sec-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Styrene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
tert-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Tetrachloroethene	2.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Toluene	130	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	2.2
trans-1,2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
trans-1,3-Dichloropropene	0.44	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	5 U
Trichloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Trichlorofluoromethane (Freon 11)	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Vinyl acetate	7,800	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Vinyl chloride	0.18	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U
Xylenes, Total ^(c)	330	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	--	--	31
PAHs (ug/L)																
1-Methylnaphthalene	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	5.3	1.9	1.7	2	1.3	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Anthracene	2.1	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Benzo(b,k)fluoranthene	0.00016 ^(d)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	NA	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	0.0016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Chrysene	0.016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.000016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	1.8	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW11				SB3		SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Sample Name		MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	MW11-W-15.0	SB3	SB3D	SB4	SB5	SB6	SB7	SB10	SB11	SB12	SB13	SB14
Collection Date		07/23/19	12/17/19	01/29/20	04/28/20	08/08/14	08/08/14	08/07/14	08/08/14	08/08/14	08/08/14	08/08/14	08/07/14	08/07/14	08/07/14	08/07/14
Sample Type		N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		10-20	10-20	10-20	10-20	12-17	12-17	7-12	11-16	11-16	14-19	4.5-14.5	6-11	8-13	5-10	4-14
Collection Depth (ft bgs)		15	15	15	15	14.5	14.5	9.5	13.5	13.5	16.5	9.5	8.5	10.5	7.5	9
Fluorene	3.7	0.23	0.15	0.23	0.1	--	--	--	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	0.00016	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	
Naphthalene	1.4	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--	--	--	--	
Phenanthrene	NA	0.1	0.061	0.079	0.048	--	--	--	--	--	--	--	--	--	--	
Pyrene	2	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	
Total naphthalenes ^(d)	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
cPAH TEQ ^(e)	0.0049	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--	--	--	--	--	--	
Hydrocarbon Identification (Presence/Absence)																
Gasoline-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Oil-Range Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH (ug/L)																
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Diesel-Range Hydrocarbons	500	200	250	150	260	450	540	--	500	380	200	100 U	440	--	380	
Oil-Range Hydrocarbons	500	250 U	430	250 U	250 U	300	320	--	530	290	220	200 U	490	--	460	
Total Diesel + Oil ^(f)	500	325	680	275	385	750	860	--	1,030	670	420	200 U	930	--	840	
EPH (ug/L)																
C8-C10 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aliphatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C10-C12 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C12-C16 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C16-C21 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
C21-C34 Aromatic Hydrocarbons	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

<p>ft bgs = feet below ground surface. Shading (color key below) indicates values that exceed screening criteria; non-detects ("U" or "UJ") were compared with screening criteria.</p> <p>Most Stringent PCUL Potable Water GW #s 1-5 - Detected</p> <p>Most Stringent PCUL Potable Water GW #s 1-5 - Not Detected</p> <p>-- = not analyzed. cPAH = carcinogenic PAH. FD = field duplicate sample. ft bgs = feet below ground surface. GW = groundwater. J = result is estimated. N = normal field sample. NA = not applicable. ND = non-detect. PAH = polycyclic aromatic hydrocarbon. PCUL = preliminary cleanup level. TEQ = toxic equivalency quotient. TEF = toxic equivalency factor. TPH = total petroleum hydrocarbons. U = result is non-detect to method detection limit or method reporting limit. ug/L = micrograms per liter. UJ = result is non-detect to method detection limit or method reporting limit and is estimated. VOC = volatile organic compound.</p> <p>^(a)Trivalent chromium concentrations were calculated by subtracting the hexavalent chromium value from the total chromium value. If hexavalent chromium was non-detect, then the trivalent chromium value was assumed to be equal to the entire total chromium value.</p> <p>^(b)Total xylenes are reported from the lab or are the sum of m,p- and o-xylene. Non-detect results are summed at one-half the reporting limit. When both results are non-detect, the highest reporting limit is used.</p> <p>^(c)Total naphthalenes are the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene. Non-detect results are summed at one-half the reporting limit. When all results are non-detect, the highest reporting limit is used.</p> <p>^(d)cPAH TEQ values are based on toxic equivalence factors from Washington State Department of Ecology Evaluating the Human Health Toxicity of cPAH Using TEFs. 2015. Non-detect results are summed according to frequency of detection in groundwater: analytes detected at least once at the Site are summed at one-half the reporting limit multiplied by the associated TEF; analytes never detected at the Site are not included in the TEQ calculation. If all results are non-detect, the highest reporting limit is used.</p> <p>^(e)Total diesel+oil is the sum of diesel- and oil-range hydrocarbons. Non-detect results are summed at one-half the reported detection limit. When both results are non-detect, the highest detection limit is used.</p> <p>REFERENCE: ⁽¹⁾Ecology. 2020. Lower Duwamish Waterway preliminary cleanup level workbook. Washington State Department of Ecology, Toxics Cleanup Program, Olympia, Washington. Revised May 20.</p>

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW1										
Sample Name		MW1-W-35.0	MW1-122705	MW1-041806	MW1-071510	MW1	MW-1	MW1	MW1-W-35.0	MW1-W-32.0	MW1-W-35.0	MW1-W-35.0
Collection Date		06/16/05	12/27/05	04/18/06	07/15/10	08/20/14	12/02/14	03/09/15	07/24/19	12/18/19	01/30/20	04/29/20
Sample Type		N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40
Collection Depth (ft bgs)		35	35	35	35	35	35	35	35	32	35	35
Dissolved Metals (ug/L)												
Antimony	6	--	3 U	--	--	--	--	--	--	--	--	--
Arsenic	8	--	32.3	33	28.1	--	--	--	33.3	29.7	30.8	27.7
Beryllium	4	--	1 U	--	--	--	--	--	--	--	--	--
Cadmium	1.19	--	1 U	--	--	--	--	--	--	--	--	--
Chromium, Total	100	20 U	1 U	2 U	0.5 U	--	--	--	1 U	1 U	1 U	1 U
Chromium, Hexavalent	48	269	6.25 U	20 U	--	--	--	--	45 U	45 U	45 U	45 U
Chromium, Trivalent ^(a)	27.4	20 U	1 U	2 U	--	--	--	--	1 U	1 U	1 U	1 U
Copper	3.1	--	1.01	2 U	0.5 U	--	--	--	5 U	5 U	5 U	5 U
Lead	8.1	--	1 U	2 U	0.1 U	--	--	--	--	--	--	--
Mercury	0.025	--	0.2 U	--	--	--	--	--	--	--	--	--
Nickel	8.2	--	1 U	--	--	--	--	--	--	--	--	--
Selenium	50	--	1 U	2 U	0.5 U	--	--	--	1 U	1 U	1 U	1 U
Silver	1.9	--	1 U	--	--	--	--	--	--	--	--	--
Thallium	0.0619	--	1 U	--	--	--	--	--	--	--	--	--
Zinc	81	--	10 U	--	--	--	--	--	--	--	--	--
Total Metals (ug/L)												
Arsenic	8	--	--	--	--	50 U	50 U	28.3	--	--	--	--
Chromium, Total	100	--	--	--	--	5 U	5 U	0.5 U	--	--	--	--
Chromium, Hexavalent	48	--	--	--	10 U	10 U	10 U	10 U	--	--	--	--
Chromium, Trivalent ^(a)	27.4	--	--	--	--	5 U	5 U	0.5 U	--	--	--	--
Lead	8.1	--	--	--	--	20 U	20 U	0.1 U	--	--	--	--
Selenium	50	--	--	--	--	50 U	50 U	0.5 U	--	--	--	--
VOCs (ug/L)												
1,1,1,2-Tetrachloroethane	1.68	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.219	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.9	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	7.68	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	NA	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NA	1 U	--	--	--	5 U	5 U	5 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.00038	1 U	--	--	--	2 U	2 U	2 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	0.964	1 U	--	--	--	5 U	5 U	5 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	80	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.2	1 U	--	--	--	5 U	5 U	5 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	0.05	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	4.61	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	4.2	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	3.1	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	80	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Location	Most Stringent PCUL	MW1										
		MW1-W-35.0	MW1-122705	MW1-041806	MW1-071510	MW1	MW-1	MW1	MW1-W-35.0	MW1-W-32.0	MW1-W-35.0	MW1-W-35.0
Sample Name	Potable Water GW #s 1-5 ⁽¹⁾	06/16/05	12/27/05	04/18/06	07/15/10	08/20/14	12/02/14	03/09/15	07/24/19	12/18/19	01/30/20	04/29/20
Collection Date		N	N	N	N	N	N	N	N	N	N	N
Sample Type		30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40
Collection Depth Interval (ft bgs)		35	35	35	35	35	35	35	35	32	35	35
Collection Depth (ft bgs)												
1,3-Dichlorobenzene	2	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	NA	1 U	--	--	--	5 U	5 U	5 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	4.9	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	NA	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	4,800	--	2 U	--	--	5 U	5 U	5 U	10 U	10 U	10 U	10 U
2-Chloroethylvinyl ether	NA	--	--	--	--	5 U	5 U	5 U	--	--	--	--
2-Chlorotoluene	160	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40	--	--	--	--	5 U	5 U	5 U	10 U	10 U	10 U	10 U
4-Chlorotoluene	NA	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Isopropyltoluene	NA	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	640	--	--	--	--	5 U	5 U	5 U	10 U	10 U	10 U	10 U
Acetone	7,200	--	--	--	--	10 U	10 U	10 U	50 U	50 U	50 U	50 U
Acrolein	1.1	--	--	--	--	10 U	10 U	10 U	--	--	--	--
Acrylonitrile	0.028	--	--	--	--	5 U	5 U	5 U	--	--	--	--
Benzene	1.6	1 U	--	--	--	1 U	1 U	1 U	0.35 U	0.35 U	0.35 U	0.35 U
Bromobenzene	64	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.8	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoethane	NA	--	--	--	--	2 U	2 U	2 U	--	--	--	--
Bromoform	12	1 U	--	--	--	1.5	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	11.2	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	399	--	--	--	--	1 U	1 U	1 U	--	--	--	--
Carbon tetrachloride	0.35	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobromomethane	NA	1 U	--	--	--	1 U	1 U	1 U	--	--	--	--
Chloroethane	19,000	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1.2	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	153	1 U	--	--	--	1 U	1 U	1 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	16	1 U	0.2 U	0.062 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.438	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	2.2	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	80	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane (Freon 12)	5.6	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Ethylbenzene	31	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	180	--	--	--	--	2 U	2 U	2 U	--	--	--	--
Hexachlorobutadiene	0.01	1 U	--	--	--	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Isopropylbenzene	720	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	1600	2 U	--	--	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methyl iodide	NA	--	--	--	--	1 U	1 U	1 U	--	--	--	--
Methyl tert-butyl ether	24.3	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Methylene chloride	5	1 U	--	--	--	2 U	2 U	2 U	5 U	5 U	5 U	5 U
Naphthalene	1.4	1 U	--	--	--	5 U	5 U	5 U	1 U	1 U	1 U	1 U

Location	Most Stringent PCUL	MW1										
		MW1-W-35.0	MW1-122705	MW1-041806	MW1-071510	MW1	MW-1	MW1	MW1-W-35.0	MW1-W-32.0	MW1-W-35.0	MW1-W-35.0
Sample Name	Potable Water GW #s 1-5 ⁽¹⁾	06/16/05	12/27/05	04/18/06	07/15/10	08/20/14	12/02/14	03/09/15	07/24/19	12/18/19	01/30/20	04/29/20
Collection Date												
Sample Type		N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40
Collection Depth (ft bgs)		35	35	35	35	35	35	35	35	32	35	35
n-Butylbenzene	400	1 U	--	--	--	1 U	1 U	1 U	--	--	--	--
n-Hexane	NA	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U
n-Propylbenzene	800	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	1600	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	800	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	100	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	800	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	2.9	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	130	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100	1 U	0.2 U	0.091 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.438	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	5 U	5 U	5 U	--	--	--	--
Trichloroethene	0.7	1 U	0.2 U	0.055 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane (Freon 11)	120	1 U	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl acetate	7,800	--	--	--	--	5 U	5 U	5 U	--	--	--	--
Vinyl chloride	0.18	1 U	0.2 U	0.14 U	0.2 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Xylenes, total ^(b)	330	2 U	--	--	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U
PAHs (ug/L)												
1-Methylnaphthalene	1.51	--	0.099 U	0.03 U	0.015 U	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	0.099 U	0.0086 U	0.015 U	--	--	--	--	--	--	--
Acenaphthene	5.34	--	0.099 U	0.0038 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Acenaphthylene	NA	--	0.099 U	0.02 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Anthracene	2.15	--	0.099 U	0.03 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(a)anthracene	0.00016	--	0.0099 U	0.029 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(a)pyrene	0.000016	--	0.0099 U	0.057 U	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(b)fluoranthene	0.00016	--	0.0099 U	--	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(b,k)fluoranthene	0.00016 ^(c)	--	--	0.03 U	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	NA	--	0.099 U	0.017 U	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(k)fluoranthene	0.0016	--	0.0099 U	--	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Chrysene	0.016	--	0.0099 U	0.014 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Dibenzo(a,h)anthracene	0.000016	--	0.0099 U	0.011 U	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Fluoranthene	1.82	--	0.099 U	0.053 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.061
Fluorene	3.67	--	0.099 U	0.0076 U	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Indeno(1,2,3-cd)pyrene	0.00016	--	0.0099 U	0.034 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Naphthalene	1.4	--	0.099 U	0.011 J	0.017	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U
Phenanthrene	NA	--	0.13	0.024 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Pyrene	2.01	--	0.211	0.043 U	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.041
Total naphthalenes ^(c)	1.4	--	0.099 U	0.0303 J	0.032	--	--	--	--	--	--	--
cPAH TEQ ^(d)	0.0049	--	0.0099 U	0.007 J	0.015 U	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW1										
Sample Name		MW1-W-35.0	MW1-122705	MW1-041806	MW1-071510	MW1	MW-1	MW1	MW1-W-35.0	MW1-W-32.0	MW1-W-35.0	MW1-W-35.0
Collection Date		06/16/05	12/27/05	04/18/06	07/15/10	08/20/14	12/02/14	03/09/15	07/24/19	12/18/19	01/30/20	04/29/20
Sample Type		N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-40
Collection Depth (ft bgs)		35	35	35	35	35	35	35	35	35	32	35
TPH (ug/L)												
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	500	--	248 U	260 U	76 U	100 U	100 U	100 U	50 U	50 U	50 U	50 U
Oil-Range Hydrocarbons	500	--	495 U	520 U	380 U	200 U	200 U	200 U	250 U	250 U	250 U	250 U
Total Diesel + Oil ^(e)	500	--	495 U	520 U	380 U	200 U	200 U	200 U	250 U	250 U	250 U	250 U

Location		MW7												
Sample Name	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW7-122805	MW7-041806	MW7-041806	MW7-071310	MWDUP-071310	MW-7	MW7	MW-7	MW7	MW7-W-20.0	MW7-W-27.5	MW7-W-28.5	MW7-W-27.5
Collection Date		12/28/05	04/18/06	04/18/06	07/13/10	07/13/10	04/30/14	08/20/14	12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20
Sample Type		N	N	FD	N	FD	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30
Collection Depth (ft bgs)		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	20	27.5	28.5	27.5
Dissolved Metals (ug/L)														
Antimony	6	3 U	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	8	6.62	7.1	--	5.6	5.4	--	--	--	8.59	9.03	8.51	8.62	
Beryllium	4	1 U	--	--	--	--	--	--	--	--	--	--	--	
Cadmium	1.19	1 U	--	--	--	--	--	--	--	--	--	--	--	
Chromium, Total	100	10.6	13	--	1.3	1.3	--	--	--	3.01	1.75	1.73	5 U	
Chromium, Hexavalent	48	7.38	20 U	20 U	10 U	10 U	--	--	--	45 UJ	45 U	45 U	45 U	
Chromium, Trivalent ^(a)	27.4	3.22	13	--	1.3	1.3	--	--	--	3.01	1.75	1.73	5 U	
Copper	3.1	2.12	2.4	--	2.9	2.9	--	--	--	10 U	5 U	5.87	25 U	
Lead	8.1	1 U	2 U	--	0.1 U	0.2	--	--	--	--	--	--	--	
Mercury	0.025	0.2 U	--	--	--	--	--	--	--	--	--	--	--	
Nickel	8.2	11.8	--	--	--	--	--	--	--	--	--	--	--	
Selenium	50	2.77	5	--	0.5 U	0.5 U	--	--	--	6.24	8.21	5 U	5 U	
Silver	1.9	1 U	--	--	--	--	--	--	--	--	--	--	--	
Thallium	0.0619	1 U	--	--	--	--	--	--	--	--	--	--	--	
Zinc	81	10.8	--	--	--	--	--	--	--	--	--	--	--	
Total Metals (ug/L)														
Arsenic	8	--	--	--	--	--	50 U	50 U	50 U	6.8	--	--	--	--
Chromium, Total	100	--	--	--	--	--	5 U	5 U	5 U	0.7	--	--	--	--
Chromium, Hexavalent	48	--	--	--	--	--	10 U	10 U	10 U	10 U	--	--	--	--
Chromium, Trivalent ^(a)	27.4	--	--	--	--	--	5 U	5 U	5 U	0.7	--	--	--	--
Lead	8.1	--	--	--	--	--	20 U	20 U	20 U	0.1 U	--	--	--	--
Selenium	50	--	--	--	--	--	50 U	50 U	50 U	3.1	--	--	--	--
VOCs (ug/L)														
1,1,1,2-Tetrachloroethane	1.68	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.219	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.9	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	7.68	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	NA	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NA	--	--	--	--	--	5 U	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	0.00038	--	--	--	--	--	2 U	2.5 U	2 U	2 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	0.964	--	--	--	--	--	5 U	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	80	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.2	--	--	--	--	--	5 U	2.5 U	5 U	5 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	0.05	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	4.61	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	4.2	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	3.1	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	80	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Location	Most Stringent PCUL	MW7												
		MW7-122805	MW7-041806	MW7-041806	MW7-071310	MWDUP-071310	MW-7	MW7	MW-7	MW7	MW7-W-20.0	MW7-W-27.5	MW7-W-28.5	MW7-W-27.5
Sample Name	Potable Water	12/28/05	04/18/06	04/18/06	07/13/10	07/13/10	04/30/14	08/20/14	12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20
Collection Date	GW #s 1-5 ⁽¹⁾	N	N	FD	N	FD	N	N	N	N	N	N	N	N
Sample Type		25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30
Collection Depth Interval (ft bgs)		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	20	27.5	28.5	27.5
Collection Depth (ft bgs)														
1,3-Dichlorobenzene	2	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	NA	--	--	--	--	--	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	4.9	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	NA	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	4,800	2 U	--	--	--	--	5 U	25 U	5 U	5 U	10 U	10 U	10 U	10 U
2-Chloroethylvinyl ether	NA	--	--	--	--	--	5 U	5 U	5 U	5 U	--	--	--	--
2-Chlorotoluene	160	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	40	--	--	--	--	--	5 U	25 U	5 U	5 U	10 U	10 U	10 U	10 U
4-Chlorotoluene	NA	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Isopropyltoluene	NA	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	640	--	--	--	--	--	5 U	25 U	5 U	5 U	10 U	10 U	10 U	10 U
Acetone	7,200	--	--	--	--	--	10 U	25 U	10 U	10 U	50 U	50 U	50 U	50 U
Acrolein	1.1	--	--	--	--	--	10 U	25 U	10 U	10 U	--	--	--	--
Acrylonitrile	0.028	--	--	--	--	--	5 U	5 U	5 U	5 U	--	--	--	--
Benzene	1.6	--	--	--	--	--	1 U	1 U	1 U	1 U	0.35 U	0.35 U	0.35 U	0.35 U
Bromobenzene	64	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1.8	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoethane	NA	--	--	--	--	--	2 U	1 U	2 U	2 U	--	--	--	--
Bromoform	12	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	11.2	--	--	--	--	--	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	399	--	--	--	--	--	1 U	1 U	1 U	1 U	--	--	--	--
Carbon tetrachloride	0.35	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobromomethane	NA	--	--	--	--	--	1 U	1 U	1 U	1 U	--	--	--	--
Chloroethane	19,000	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1.2	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	153	--	--	--	--	--	1 U	2.5 U	1 U	1 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	16	0.2 U	0.062 U	0.062 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.438	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	2.2	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	80	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane (Freon 12)	5.6	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Ethylbenzene	31	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	180	--	--	--	--	--	2 U	1 U	2 U	2 U	--	--	--	--
Hexachlorobutadiene	0.01	--	--	--	--	--	5 U	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U
Isopropylbenzene	720	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	1600	--	--	--	--	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methyl iodide	NA	--	--	--	--	--	1 U	5 U	1 U	1 U	--	--	--	--
Methyl tert-butyl ether	24.3	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Methylene chloride	5	--	--	--	--	--	2 U	5 U	2 U	2 U	5 U	5 U	5 U	5 U
Naphthalene	1.4	--	--	--	--	--	5 U	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW7												
		MW7-122805	MW7-041806	MW7-041806	MW7-071310	MWDUP-071310	MW-7	MW7	MW-7	MW7	MW7-W-20.0	MW7-W-27.5	MW7-W-28.5	MW7-W-27.5
Sample Name		12/28/05	04/18/06	04/18/06	07/13/10	07/13/10	04/30/14	08/20/14	12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20
Collection Date														
Sample Type		N	N	FD	N	FD	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30
Collection Depth (ft bgs)		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	20	27.5	28.5	27.5
n-Butylbenzene	400	--	--	--	--	--	1 U	1 U	1 U	1 U	--	--	--	--
n-Hexane	NA	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U
n-Propylbenzene	800	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	1600	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	800	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	100	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	800	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	2.9	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	130	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100	0.2 U	0.091 U	0.091 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.438	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,4-Dichloro-2-butene	NA	--	--	--	--	--	5 U	5 U	5 U	5 U	--	--	--	--
Trichloroethene	0.7	0.2 U	0.055 U	0.055 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane (Freon 11)	120	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl acetate	7,800	--	--	--	--	--	5 U	1 U	5 U	5 U	--	--	--	--
Vinyl chloride	0.18	0.2 U	0.14 U	0.14 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Xylenes, total ^(b)	330	--	--	--	--	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
PAHs (ug/L)														
1-Methylnaphthalene	1.51	0.1 U	0.032 U	0.032 U	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	0.1 U	0.014 J	0.0091 U	--	--	--	--	--	--	--	--	--	--
Acenaphthene	5.34	0.1 U	0.011 J	0.0043 J	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Acenaphthylene	NA	0.1 U	0.028 J	0.0041 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Anthracene	2.15	0.1 U	0.037 J	0.029 J	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(a)anthracene	0.00016	0.01 U	0.035 J	0.0091 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(a)pyrene	0.000016	0.01 U	0.061 U	0.061 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(b)fluoranthene	0.00016	0.01 U	--	--	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(b,k)fluoranthene	0.00016 ^(c)	--	0.031 U	0.031 U	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	NA	0.1 U	0.018 U	0.018 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Benzo(k)fluoranthene	0.0016	0.01 U	--	--	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Chrysene	0.016	0.01 U	0.013 J	0.0091 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Dibenzo(a,h)anthracene	0.000016	0.01 U	0.038 J	0.012 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Fluoranthene	1.82	0.1 U	0.036 J	0.0091 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Fluorene	3.67	0.1 U	0.013 J	0.0081 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Indeno(1,2,3-cd)pyrene	0.00016	0.01 U	0.039 J	0.015 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Naphthalene	1.4	0.1 U	0.023 J	0.019 J	0.027	0.041	--	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U
Phenanthrene	NA	0.1 U	0.022 J	0.0081 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Pyrene	2.01	0.1 U	0.037 U	0.013 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U
Total naphthalenes ^(c)	1.4	0.1 U	0.053 J	0.0396 J	--	--	--	--	--	--	--	--	--	--
cPAH TEQ ^(d)	0.0049	0.01 U	0.011 J	0.061 U	0.015 U	0.015 U	--	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW7												
Sample Name		MW7-122805	MW7-041806	MW7-041806	MW7-071310	MWDUP-071310	MW-7	MW7	MW-7	MW7	MW7-W-20.0	MW7-W-27.5	MW7-W-28.5	MW7-W-27.5
Collection Date		12/28/05	04/18/06	04/18/06	07/13/10	07/13/10	04/30/14	08/20/14	12/03/14	03/10/15	07/24/19	12/17/19	01/29/20	04/28/20
Sample Type		N	N	FD	N	FD	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30	25-30
Collection Depth (ft bgs)		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	20	27.5	28.5
TPH (ug/L)														
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	--	--	--	--	--	--
Diesel-Range Hydrocarbons	500	248 U	260 U	260 U	80 U	77 U	100 U	140	170	140	80	99	88	170
Oil-Range Hydrocarbons	500	495 U	510 U	510 U	400 U	380 U	200 U	200 U	200 U	200 U	250 U	250 U	250 U	250 U
Total Diesel + Oil ^(e)	500	495 U	510 U	510 U	400 U	380 U	200 U	240	270	240	205	224	213	295

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW9							SB15	SB16	SB17	SB18	SB19
Sample Name		MW9	MW-9	MW9	MW9-W-33.0	MW9-W-33.5	MW9-W-33.5	MW9-W-32.5	SB15	SB16	SB17	SB18	SB19
Collection Date		08/21/14	12/03/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	04/15/15	04/16/15	04/17/15	04/17/15	04/20/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		30-35	30-35	30-35	30-35	30-35	30-35	30-35	36-46	37-47	34-44	29.5-39.5	40.5-50.5
Collection Depth (ft bgs)		32.5	32.5	32.5	33	33.5	33.5	32.5	41	42	39	34.5	45.5
Dissolved Metals (ug/L)													
Antimony	6	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	8	--	--	--	9.26	11.5	10.9	8.24	25.6	8.7	6.7	46	28.7
Beryllium	4	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	1.19	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, Total	100	--	--	--	1.56	21.6	2.2	2.02	1	1.3	2	1.4	3
Chromium, Hexavalent	48	--	--	--	45 U	45 U	45 U	45 U	--	--	--	--	--
Chromium, Trivalent ^(a)	27.4	--	--	--	1.56	21.6	2.2	2.02	--	--	--	--	--
Copper	3.1	--	--	--	5.87	5 U	5 U	5 U	--	--	--	--	--
Lead	8.1	--	--	--	--	--	--	--	0.3	1.2	0.2	0.2	2.5
Mercury	0.025	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	8.2	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	--	--	--	2.7	4.66	5 U	1 U	0.5 U	0.5 U	2	5 U	2
Silver	1.9	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	0.0619	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	81	--	--	--	--	--	--	--	--	--	--	--	--
Total Metals (ug/L)													
Arsenic	8	50 U	50 U	3	--	--	--	--	71	150	210	113	60
Chromium, Total	100	5 U	5 U	0.7	--	--	--	--	189	2,420	1,770	380	240
Chromium, Hexavalent	48	10 U	10 U	10 U	--	--	--	--	10 U	10 U	10 U	10 U	10 U
Chromium, Trivalent ^(a)	27.4	5 U	5 U	0.7	--	--	--	--	189	2,420	1,770	380	240
Lead	8.1	20 U	20 U	0.1 U	--	--	--	--	29.4	247	223	39.6	57
Selenium	50	50 U	50 U	1 U	--	--	--	--	7	20 U	20 U	3	10 U
VOCs (ug/L)													
1,1,1,2-Tetrachloroethane	1.68	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.219	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,1-Dichloroethane	7.68	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,1-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,2,3-Trichlorobenzene	NA	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U
1,2,3-Trichloropropane	0.00038	2.5 U	2 U	2 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.964	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	18	0.4 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	0.2	2.5 U	5 U	5 U	10 U	10 U	10 U	10 U	0.5 U	1 U	1 U	0.5 U	0.5 U
1,2-Dibromoethane	0.05	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,2-Dichlorobenzene	4.61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,2-Dichloroethane	4.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,2-Dichloropropane	3.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	5.2	0.4 U	0.2 U	0.2 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW9							SB15	SB16	SB17	SB18	SB19
		MW9	MW-9	MW9	MW9-W-33.0	MW9-W-33.5	MW9-W-33.5	MW9-W-32.5	SB15	SB16	SB17	SB18	SB19
Collection Date		08/21/14	12/03/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	04/15/15	04/16/15	04/17/15	04/17/15	04/20/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		30-35	30-35	30-35	30-35	30-35	30-35	30-35	36-46	37-47	34-44	29.5-39.5	40.5-50.5
Collection Depth (ft bgs)		32.5	32.5	32.5	33	33.5	33.5	32.5	41	42	39	34.5	45.5
1,3-Dichlorobenzene	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
1,3-Dichloropropane	NA	1 U	5 U	5 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	1	0.2 U
1,4-Dichlorobenzene	4.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
2,2-Dichloropropane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
2-Butanone	4,800	25 U	5 U	5 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	5 U	5 U
2-Chloroethylvinyl ether	NA	5 U	5 U	5 U	--	--	--	--	1 U	2 U	2 U	1 U	1 U
2-Chlorotoluene	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.56	0.4 U	0.2 U	0.2 U
2-Hexanone	40	25 U	5 U	5 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	5 U	5 U
4-Chlorotoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
4-Isopropyltoluene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
4-Methyl-2-pentanone	640	25 U	5 U	5 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	5 U	5 U
Acetone	7,200	25 U	10 U	10 U	50 U	50 U	50 U	50 U	5 U	18	10 U	6.2	7.3
Acrolein	1.1	25 U	10 U	10 U	--	--	--	--	5 U	10 U	10 U	5 U	5 U
Acrylonitrile	0.028	5 U	5 U	5 U	--	--	--	--	1 U	2 U	2 U	1 U	1 U
Benzene	1.6	1 U	1 U	1 U	0.35 U	0.35 U	0.35 U	0.35 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Bromobenzene	64	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Bromodichloromethane	1.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Bromoethane	NA	1 U	2 U	2 U	--	--	--	--	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Bromoform	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Bromomethane	11.2	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U
Carbon disulfide	399	1 U	1 U	1 U	--	--	--	--	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Carbon tetrachloride	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Chlorobromomethane	NA	1 U	1 U	1 U	--	--	--	--	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Chloroethane	19,000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Chloroform	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.96	0.38	0.2 U
Chloromethane	153	2.5 U	1 U	1 U	10 U	10 U	10 U	10 U	0.5 U	1 U	1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	0.438	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Dibromochloromethane	2.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Dibromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Dichlorodifluoromethane (Freon 12)	5.6	--	--	--	1 U	1 U	1 U	1 U	--	--	--	--	--
Ethylbenzene	31	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	1.4	0.4 U	0.2 U	0.2 U
Freon 113	180	1 U	2 U	2 U	--	--	--	--	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Hexachlorobutadiene	0.01	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U
Isopropylbenzene	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.46	0.4 U	0.2 U	0.2 U
m,p-Xylene	1600	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.4 U	10	0.8 U	0.4 U	0.4 U
Methyl iodide	NA	5 U	1 U	1 U	--	--	--	--	1 U	2 U	2 U	1 U	1 U
Methyl tert-butyl ether	24.3	--	--	--	1 U	1 U	1 U	1 U	--	--	--	--	--
Methylene chloride	5	5 U	2 U	2 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U	1 U	1 U
Naphthalene	1.4	2.5 U	5 U	5 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW9							SB15	SB16	SB17	SB18	SB19
Sample Name		MW9	MW-9	MW9	MW9-W-33.0	MW9-W-33.5	MW9-W-33.5	MW9-W-32.5	SB15	SB16	SB17	SB18	SB19
Collection Date		08/21/14	12/03/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	04/15/15	04/16/15	04/17/15	04/17/15	04/20/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		30-35	30-35	30-35	30-35	30-35	30-35	30-35	36-46	37-47	34-44	29.5-39.5	40.5-50.5
Collection Depth (ft bgs)		32.5	32.5	32.5	33	33.5	33.5	32.5	41	42	39	34.5	45.5
n-Butylbenzene	400	1 U	1 U	1 U	--	--	--	--	0.2 U	0.52	0.4 U	0.2 U	0.2 U
n-Hexane	NA	--	--	--	1 U	1 U	1 U	1 U	--	--	--	--	--
n-Propylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	1.7	0.4 U	0.2 U	0.2 U
o-Xylene	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
sec-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Styrene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
tert-Butylbenzene	800	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Tetrachloroethene	2.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Toluene	130	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.438	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
trans-1,4-Dichloro-2-butene	NA	5 U	5 U	5 U	--	--	--	--	1 U	2 U	2 U	1 U	1 U
Trichloroethene	0.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Trichlorofluoromethane (Freon 11)	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Vinyl acetate	7,800	1 U	5 U	5 U	--	--	--	--	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Vinyl chloride	0.18	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U
Xylenes, total ^(b)	330	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.4 U	10.2	0.8 U	0.4 U	0.4 U
PAHs (ug/L)													
1-Methylnaphthalene	1.51	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	32	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	5.34	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Acenaphthylene	NA	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Anthracene	2.15	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Benzo(a)anthracene	0.00016	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Benzo(a)pyrene	0.000016	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Benzo(b)fluoranthene	0.00016	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Benzo(b,k)fluoranthene	0.00016 ^(c)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene	NA	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Benzo(k)fluoranthene	0.0016	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Chrysene	0.016	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Dibenzo(a,h)anthracene	0.000016	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Fluoranthene	1.82	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Fluorene	3.67	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.00016	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Naphthalene	1.4	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
Phenanthrene	NA	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Pyrene	2.01	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--
Total naphthalenes ^(c)	1.4	--	--	--	--	--	--	--	--	--	--	--	--
cPAH TEQ ^(d)	0.0049	--	--	--	0.04 U	0.04 U	0.04 U	0.04 U	--	--	--	--	--

Table 3-6
Deep Groundwater Analytical Results
 Precision Engineering, Inc.
 Dick Morgan
 Seattle, Washington

Location	Most Stringent PCUL Potable Water GW #s 1-5 ⁽¹⁾	MW9							SB15	SB16	SB17	SB18	SB19
Sample Name		MW9	MW-9	MW9	MW-9-W-33.0	MW9-W-33.5	MW9-W-33.5	MW9-W-32.5	SB15	SB16	SB17	SB18	SB19
Collection Date		08/21/14	12/03/14	03/09/15	07/24/19	12/17/19	01/29/20	04/28/20	04/15/15	04/16/15	04/17/15	04/17/15	04/20/15
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N
Collection Depth Interval (ft bgs)		30-35	30-35	30-35	30-35	30-35	30-35	30-35	36-46	37-47	34-44	29.5-39.5	40.5-50.5
Collection Depth (ft bgs)		32.5	32.5	32.5	33	33.5	33.5	32.5	41	42	39	34.5	45.5
TPH (ug/L)													
Gasoline-Range Hydrocarbons	800	--	--	--	--	--	--	--	250 U	300	250 U	250 U	250 U
Diesel-Range Hydrocarbons	500	100 U	150	120	110	200	100	140	100 U	260	110	100	220
Oil-Range Hydrocarbons	500	200 U	200 U	200 U	250 U	330	250 U	250 U	200 U	250	200 U	200 U	200 U
Total Diesel + Oil ^(e)	500	200 U	250	220	235	530	225	265	200 U	510	210	200	320

Notes:

The PCOPC selections summarized in this table are based on available data. The COPC selection process will be completed as part of the remedial investigation following additional data collection.

Chemicals identified as PCOPC in this table are those that were identified as "Retain" in Appendix H tables H2-1 through H2-6. Some chemicals identified as "Data Gap" in Appendix H were identified as PCOPCs in this table, consistent with Section 7.1.

-- = data not available or not applicable.

COI = chemical of interest.

PCOPC = preliminary chemical of potential concern.

cPAH TEQ = carcinogenic PAHs.

FOD = frequency of detection.

HCID = hydrocarbon identification.

HPAHs = high molecular weight PAHs.

LPAHs = low molecular weight PAHs.

NA = not applicable.

MTCA = Model Toxics Control Act.

No. = number.

PAHs = polycyclic aromatic hydrocarbons.

PCUL = preliminary cleanup level.

RL = reporting limit.

UCL = upper confidence limit.

Table 3-7
COIs, PCULs, and COPC Selection Results
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

Analyte	Analyte Group	COI	COPC Group	Air					Soil Gas				
				No. of Samples	Detected?	PCUL (ug/m ³)	PCUL Basis	Preliminary COPC Selection	No. of Samples	Detected?	PCUL (ug/m ³)	PCUL Basis	Preliminary COPC Selection
1,1,1,2-Tetrachloroethane	VOCs	Yes	--	2	--	3.40E-01	AR-1	Not a PCOPC	1	--	1.10E+01	SG-1	Not a PCOPC
1,1,1-Trichloroethane	VOCs	Yes	--	2	--	2.30E+03	AR-1	Not a PCOPC	1	Yes	7.60E+04	SG-1	Not a PCOPC
1,1,2,2-Tetrachloroethane	VOCs	Yes	--	2	--	4.30E-02	AR-1	Not a PCOPC	1	--	1.40E+00	SG-1	Not a PCOPC
1,1,2-Trichloroethane	VOCs	Yes	--	2	--	9.10E-02	AR-1	Data Gap	1	--	3.00E+00	SG-1	Not a PCOPC
1,1-Dichloroethane	VOCs	Yes	--	23	--	1.60E+00	AR-1	Not a PCOPC	5	Yes	5.20E+01	SG-1	Not a PCOPC
1,1-Dichloroethene	VOCs	Yes	--	23	--	9.10E+01	AR-1	Not a PCOPC	5	--	3.00E+03	SG-1	Not a PCOPC
1,1-Dichloropropene	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
1,2,3-Trichlorobenzene	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
1,2,3-Trichloropropane	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
1,2,4-Trichlorobenzene	SVOCs-Other	Yes	--	2	--	9.10E-01	AR-1	Not a PCOPC	1	--	3.00E+01	SG-1	Not a PCOPC
1,2,4-Trimethylbenzene	VOCs	Yes	--	2	Yes	2.70E+01	AR-1	Not a PCOPC	1	Yes	9.10E+02	SG-1	Not a PCOPC
1,2-Dibromo-3-chloropropane	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
1,2-Dibromoethane	VOCs	Yes	--	2	--	4.20E-03	AR-1	Data Gap	1	--	1.40E-01	SG-1	Data Gap
1,2-Dichlorobenzene	SVOCs-Other	Yes	--	2	--	9.10E+01	AR-1	Not a PCOPC	1	--	3.00E+03	SG-1	Not a PCOPC
1,2-Dichloroethane	VOCs	Yes	Chlorinated Hydrocarbons	15	Yes	9.60E-02	AR-1	PCOPC	5	--	3.20E+00	SG-1	Not a PCOPC
1,2-Dichloropropane	VOCs	Yes	--	2	--	6.80E-01	AR-1	Not a PCOPC	1	--	2.30E+01	SG-1	Not a PCOPC
1,3,5-Trichlorobenzene	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
1,3,5-Trimethylbenzene	VOCs	Yes	--	2	Yes	2.70E+01	AR-1	Not a PCOPC	1	--	None	NA	Not a PCOPC
1,3-Dichlorobenzene	SVOCs-Other	Yes	--	2	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
1,3-Dichloropropane	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
1,4-Dichlorobenzene	SVOCs-Other	Yes	--	2	--	2.30E-01	AR-1	Not a PCOPC	1	--	7.60E+00	SG-1	Not a PCOPC
1-Methylnaphthalene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
2,2-Dichloropropane	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
2-Butanone	VOCs	Yes	--	2	Yes	2.30E+03	AR-1	Not a PCOPC	1	Yes	7.60E+04	SG-1	Not a PCOPC
2-Chloroethylvinyl ether	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
2-Chloronaphthalene	SVOCs-Other	No	--	--	--	--	NA	NA	--	--	--	NA	NA
2-Chlorotoluene	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
2-Hexanone	VOCs	No	--	2	--	1.40E+01	AR-1	Not a PCOPC	1	--	None	NA	Not a PCOPC
2-Methylnaphthalene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
4-Chlorotoluene	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
4-Ethyltoluene	VOCs	Yes	--	2	Yes	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
4-Isopropyltoluene	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
4-Methyl-2-pentanone	VOCs	Yes	--	2	Yes	1.40E+03	AR-1	Not a PCOPC	1	Yes	4.60E+04	SG-1	Not a PCOPC
Acenaphthene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Acenaphthylene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Acetone	VOCs	Yes	--	2	Yes	1.40E+04	AR-1	Not a PCOPC	1	Yes	None	NA	Not a PCOPC
Acrolein	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Acrylonitrile	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Anthracene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Antimony	Metals	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Aroclor 1016	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Aroclor 1221	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Aroclor 1232	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Aroclor 1242	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Aroclor 1248	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA

Analyte	Analyte Group	COI	COPC Group	Air					Soil Gas				
				No. of Samples	Detected?	PCUL (ug/m ³)	PCUL Basis	Preliminary COPC Selection	No. of Samples	Detected?	PCUL (ug/m ³)	PCUL Basis	Preliminary COPC Selection
Aroclor 1254	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Aroclor 1260	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Arsenic	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA
Benzene	VOCs	Yes	Benzene	2	Yes	3.20E-01	AR-1	PCOPC	1	Yes	1.10E+01	SG-1	Not a PCOPC
Benzo(a)anthracene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Benzo(a)pyrene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Benzo(b)fluoranthene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Benzo(b,k)fluoranthene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Benzo(ghi)perylene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Benzo(k)fluoranthene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Beryllium	Metals	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Bromobenzene	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Bromodichloromethane	VOCs	Yes	--	2	--	6.70E-02	AR-1	Data Gap	1	--	2.20E+00	SG-1	Not a PCOPC
Bromoethane	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Bromoform	VOCs	Yes	--	2	--	2.30E+00	AR-1	Not a PCOPC	1	--	7.60E+01	SG-1	Not a PCOPC
Bromomethane	VOCs	Yes	--	2	Yes	2.30E+00	AR-1	Not a PCOPC	1	--	7.60E+01	SG-1	Not a PCOPC
Butane	VOCs	Yes	--	--	--	--	NA	NA	6	Yes	None	NA	Not a PCOPC
C10-C12 Aliphatic Hydrocarbons	Petroleum Hydrocarbons	No	--	--	--	--	NA	NA	--	--	--	NA	NA
C10-C12 Aromatic Hydrocarbons	Petroleum Hydrocarbons	No	--	--	--	--	NA	NA	--	--	--	NA	NA
C12-C16 Aliphatic Hydrocarbons	Petroleum Hydrocarbons	No	--	--	--	--	NA	NA	--	--	--	NA	NA
C12-C16 Aromatic Hydrocarbons	Petroleum Hydrocarbons	No	--	--	--	--	NA	NA	--	--	--	NA	NA
C16-C21 Aliphatic Hydrocarbons	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
C16-C21 Aromatic Hydrocarbons	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
C21-C34 Aliphatic Hydrocarbons	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
C21-C34 Aromatic Hydrocarbons	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
C8-C10 Aliphatic Hydrocarbons	Petroleum Hydrocarbons	No	--	--	--	--	NA	NA	--	--	--	NA	NA
C8-C10 Aromatic Hydrocarbons	Petroleum Hydrocarbons	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Cadmium	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA
Carbon disulfide	VOCs	Yes	--	2	Yes	3.20E+02	AR-1	Not a PCOPC	1	Yes	1.10E+04	SG-1	Not a PCOPC
Carbon tetrachloride	VOCs	Yes	Chlorinated Hydrocarbons	2	Yes	4.20E-01	AR-1	PCOPC	1	--	1.40E+01	SG-1	Not a PCOPC
Chlorobenzene	VOCs	No	--	2	--	2.30E+01	AR-1	Not a PCOPC	1	--	7.60E+02	SG-1	Not a PCOPC
Chlorobromomethane	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Chloroethane	VOCs	No	--	15	--	4.60E+03	AR-1	Not a PCOPC	5	--	1.50E+05	SG-1	Not a PCOPC
Chloroform	VOCs	Yes	--	2	--	1.10E-01	AR-1	Not a PCOPC	1	--	3.60E+00	SG-1	Not a PCOPC
Chloromethane	VOCs	Yes	--	2	Yes	4.10E+01	AR-1	Not a PCOPC	1	--	1.40E+03	SG-1	Not a PCOPC
Chromium, Hexavalent	Metals	Yes	Chromium	--	--	--	NA	NA	--	--	--	NA	NA
Chromium, Total	Metals	Yes	Chromium	--	--	--	NA	NA	--	--	--	NA	NA
Chromium, Trivalent	Metals	Yes	Chromium	--	--	--	NA	NA	--	--	--	NA	NA
Chrysene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
cis-1,2-Dichloroethene	VOCs	Yes	TCE and daughter products	23	--	None	NA	Not a PCOPC	11	Yes	None	NA	Not a PCOPC
cis-1,3-Dichloropropene	VOCs	Yes	--	2	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
Copper	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA
cPAH TEQ	SVOCs-PAHs	Yes	cPAHs and Naphthalenes	--	--	--	NA	NA	--	--	--	NA	NA
Dibenzo(a,h)anthracene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Dibromochloromethane	VOCs	Yes	--	2	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
Dibromomethane	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Dichlorodifluoromethane (Freon 12)	VOCs	Yes	--	2	Yes	4.60E+01	AR-1	Not a PCOPC	1	--	1.50E+03	SG-1	Not a PCOPC
Diesel Range Hydrocarbons	Petroleum Hydrocarbons	Yes	Heavy Oils	--	--	--	NA	NA	--	--	--	NA	NA
Diesel Range Hydrocarbons (HCID)	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Ethylbenzene	VOCs	Yes	--	2	Yes	4.60E+02	AR-1	Not a PCOPC	1	Yes	1.50E+04	SG-1	Not a PCOPC
Fluoranthene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Fluorene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Freon 113	VOCs	No	--	2	--	2.30E+03	AR-1	Not a PCOPC	1	--	7.60E+04	SG-1	Not a PCOPC

Analyte	Analyte Group	COI	COPC Group	Air					Soil Gas				
				No. of Samples	Detected?	PCUL (ug/m ³)	PCUL Basis	Preliminary COPC Selection	No. of Samples	Detected?	PCUL (ug/m ³)	PCUL Basis	Preliminary COPC Selection
Freon 114	VOCs	No	--	2	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
Gasoline Range Hydrocarbons	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Gasoline Range Hydrocarbons (HCID)	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Hexachlorobutadiene	SVOCs-Other	Yes	--	2	--	1.10E-01	AR-1	Data Gap	1	--	3.80E+00	SG-1	Not a PCOPC
Indeno(1,2,3-cd)pyrene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Isobutane	VOCs	Yes	--	--	--	--	NA	NA	6	Yes	None	NA	Not a PCOPC
Isopropylbenzene	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Lead	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA
m,p-Xylene	VOCs	Yes	--	2	Yes	4.60E+01	AR-1	Not a PCOPC	1	Yes	1.50E+03	SG-1	Not a PCOPC
Mercury	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA
Methyl iodide	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Methyl tert-butyl ether	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Methylene chloride	VOCs	Yes	Chlorinated Hydrocarbons	2	Yes	6.60E+01	AR-1	Not a PCOPC	1	--	2.20E+03	SG-1	Not a PCOPC
Naphthalene	SVOCs-PAHs	Yes	cPAHs and Naphthalenes	--	--	--	NA	NA	--	--	--	NA	NA
n-Butylbenzene	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
n-Hexane	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Nickel	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA
n-Propylbenzene	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Oil Range Hydrocarbons	Petroleum Hydrocarbons	Yes	Heavy Oils	--	--	--	NA	NA	--	--	--	NA	NA
Oil Range Hydrocarbons (HCID)	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
o-Xylene	VOCs	Yes	--	2	Yes	4.60E+01	AR-1	Not a PCOPC	1	Yes	1.50E+03	SG-1	Not a PCOPC
Phenanthrene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Pyrene	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
sec-Butylbenzene	VOCs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Selenium	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA
Silver	Metals	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Styrene	VOCs	Yes	--	2	Yes	4.60E+02	AR-1	Not a PCOPC	1	Yes	1.50E+04	SG-1	Not a PCOPC
tert-Butylbenzene	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Tetrachloroethene	VOCs	Yes	--	2	Yes	9.60E+00	AR-1	Not a PCOPC	1	Yes	3.20E+02	SG-1	Not a PCOPC
Thallium	Metals	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Toluene	VOCs	Yes	--	2	Yes	2.30E+03	AR-1	Not a PCOPC	1	Yes	7.60E+04	SG-1	Not a PCOPC
Total benzofluoranthenes	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Total Diesel + Oil	Petroleum Hydrocarbons	Yes	Heavy Oils	--	--	--	NA	NA	--	--	--	NA	NA
Total Extractable Hydrocarbons	Petroleum Hydrocarbons	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Total HPAHs	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Total LPAHs	SVOCs-PAHs	Yes	--	--	--	--	NA	NA	--	--	--	NA	NA
Total naphthalenes	SVOCs-PAHs	Yes	cPAHs and Naphthalenes	--	--	--	NA	NA	--	--	--	NA	NA
Total PCBs	PCBs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
trans-1,2-Dichloroethene	VOCs	Yes	TCE and daughter products	23	--	None	NA	Not a PCOPC	11	--	None	NA	Not a PCOPC
trans-1,3-Dichloropropene	VOCs	Yes	--	2	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
trans-1,4-Dichloro-2-butene	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Trichloroethene	VOCs	Yes	TCE and daughter products	44	Yes	3.30E-01	AR-1	PCOPC	11	Yes	1.10E+01	SG-1	PCOPC
Trichlorofluoromethane (Freon 11)	VOCs	Yes	--	2	Yes	3.20E+02	AR-1	Not a PCOPC	1	--	1.10E+04	SG-1	Not a PCOPC
Vinyl Acetate	VOCs	No	--	--	--	--	NA	NA	--	--	--	NA	NA
Vinyl chloride	VOCs	Yes	TCE and daughter products	23	Yes	2.80E-01	AR-1	Not a PCOPC	11	Yes	9.40E+00	SG-1	PCOPC
Xylenes, total	VOCs	Yes	--	2	Yes	4.60E+01	AR-1	Not a PCOPC	1	Yes	1.50E+03	SG-1	Not a PCOPC
Zinc	Metals	Yes	Metals	--	--	--	NA	NA	--	--	--	NA	NA

Analyte	Vadose Soil					Saturated Soil					Shallow Groundwater				
	No. of Samples	Detected?	PCUL (mg/kg)	PCUL Basis	Preliminary COPC Selection	No. of Samples	Detected?	PCUL (mg/kg)	PCUL Basis	PCOPC Selection	No. of Samples	Detected?	PCUL (ug/L)	PCUL Basis	PCOPC Selection
1,1,1,2-Tetrachloroethane	15	--	3.80E+01	SL-1	Not a PCOPC	41	--	3.80E+01	SL-1	Not a PCOPC	89	--	1.70E+00	GW-1	Data Gap
1,1,1-Trichloroethane	15	--	1.50E+00	SL-2	Not a PCOPC	41	--	8.40E-02	SL-5	Not a PCOPC	89	--	2.00E+02	GW-1	Not a PCOPC
1,1,2,2-Tetrachloroethane	15	--	1.20E-03	SL-2	Data Gap	41	--	8.00E-05	SL-5	Not a PCOPC	89	--	2.20E-01	GW-1	Data Gap
1,1,2-Trichloroethane	15	--	5.00E-03	SL-3	Data Gap	41	--	3.30E-04	SL-6	Data Gap	89	--	9.00E-01	GW-2	Data Gap
1,1-Dichloroethane	15	--	4.10E-02	SL-2	Not a PCOPC	41	--	2.60E-03	SL-5	Data Gap	89	--	7.70E+00	GW-1	Not a PCOPC
1,1-Dichloroethene	15	Yes	4.40E-02	SL-2	Not a PCOPC	41	--	2.40E-03	SL-5	Not a PCOPC	89	--	7.00E+00	GW-1	Not a PCOPC
1,1-Dichloropropene	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	89	--	None	NA	Not a PCOPC
1,2,3-Trichlorobenzene	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	89	--	None	NA	Not a PCOPC
1,2,3-Trichloropropane	15	--	6.30E-03	SL-1	Not a PCOPC	41	--	6.30E-03	SL-1	Not a PCOPC	89	--	3.80E-04	GW-1	Data Gap
1,2,4-Trichlorobenzene	15	--	3.10E-02	SL-8	Not a PCOPC	41	--	1.90E-03	SL-7	Data Gap	89	--	9.60E-01	GW-3	Data Gap
1,2,4-Trimethylbenzene	15	--	8.00E+02	SL-1	Not a PCOPC	41	Yes	8.00E+02	SL-1	Not a PCOPC	89	Yes	8.00E+01	GW-1	Not a PCOPC
1,2-Dibromo-3-chloropropane	15	--	1.25E+00	SL-1	Not a PCOPC	41	--	1.30E+00	SL-1	Not a PCOPC	89	--	2.00E-01	GW-1	Data Gap
1,2-Dibromoethane	15	--	2.70E-04	SL-2	Data Gap	41	--	1.80E-05	SL-5	Not a PCOPC	89	--	5.00E-02	GW-1	Data Gap
1,2-Dichlorobenzene	15	--	3.60E-02	SL-8	Not a PCOPC	41	--	3.10E-03	SL-7	Data Gap	89	--	4.60E+00	GW-3	Not a PCOPC
1,2-Dichloroethane	15	--	2.30E-02	SL-2	Not a PCOPC	41	--	1.60E-03	SL-5	Data Gap	89	--	4.20E+00	GW-4	Not a PCOPC
1,2-Dichloropropane	15	--	1.60E-02	SL-3	Not a PCOPC	41	--	1.00E-03	SL-6	Data Gap	89	--	3.10E+00	GW-2	Data Gap
1,3,5-Trichlorobenzene	2	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC	--	--	--	NA	NA
1,3,5-Trimethylbenzene	15	--	8.00E+02	SL-1	Not a PCOPC	41	Yes	8.00E+02	SL-1	Not a PCOPC	89	Yes	8.00E+01	GW-1	Not a PCOPC
1,3-Dichlorobenzene	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	89	--	2.00E+00	GW-2	Data Gap
1,3-Dichloropropane	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	89	--	None	NA	Not a PCOPC
1,4-Dichlorobenzene	15	--	1.10E-01	SL-8	Not a PCOPC	41	--	8.10E-03	SL-7	Data Gap	89	--	4.90E+00	GW-4	Not a PCOPC
1-Methylnaphthalene	10	Yes	3.40E+01	SL-1	Not a PCOPC	4	--	3.40E+01	SL-1	Not a PCOPC	18	Yes	1.50E+00	GW-1	Not a PCOPC
2,2-Dichloropropane	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	89	--	None	NA	Not a PCOPC
2-Butanone	26	Yes	4.80E+04	SL-1	Not a PCOPC	48	Yes	4.80E+04	SL-1	Not a PCOPC	88	Yes	4.80E+03	GW-1	Not a PCOPC
2-Chloroethylvinyl ether	--	--	--	NA	NA	30	--	None	NA	Not a PCOPC	43	--	None	NA	Not a PCOPC
2-Chloronaphthalene	--	--	--	NA	NA	--	--	--	NA	NA	3	--	1.00E+02	GW-2	Not a PCOPC
2-Chlorotoluene	15	--	1.60E+03	SL-1	Not a PCOPC	41	--	1.60E+03	SL-1	Not a PCOPC	89	--	1.60E+02	GW-1	Not a PCOPC
2-Hexanone	4	--	4.00E+02	SL-1	Not a PCOPC	30	--	4.00E+02	SL-1	Not a PCOPC	79	--	4.00E+01	GW-1	Not a PCOPC
2-Methylnaphthalene	10	Yes	6.70E-01	SL-8	Not a PCOPC	4	--	6.70E-01	SL-8	Not a PCOPC	21	Yes	3.20E+01	GW-1	Not a PCOPC
4-Chlorotoluene	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	89	--	None	NA	Not a PCOPC
4-Ethyltoluene	--	--	--	NA	NA	--	--	--	NA	NA	--	--	--	NA	NA
4-Isopropyltoluene	15	--	None	NA	Not a PCOPC	41	Yes	None	NA	Not a PCOPC	89	--	None	NA	Not a PCOPC
4-Methyl-2-pentanone	4	--	6.40E+03	SL-1	Not a PCOPC	30	--	6.40E+03	SL-1	Not a PCOPC	79	--	6.40E+02	GW-1	Not a PCOPC
Acenaphthene	10	--	5.00E-01	SL-8	Not a PCOPC	4	--	2.80E-02	SL-7	Not a PCOPC	58	Yes	5.30E+00	GW-3	Not a PCOPC
Acenaphthylene	10	--	1.30E+00	SL-8	Not a PCOPC	4	--	1.30E+00	SL-8	Not a PCOPC	58	Yes	None	NA	Not a PCOPC
Acetone	4	--	2.90E+01	SL-2	Not a PCOPC	30	Yes	2.10E+00	SL-5	Not a PCOPC	79	--	7.20E+03	GW-1	Not a PCOPC
Acrolein	--	--	--	NA	NA	30	--	4.00E+01	SL-1	Not a PCOPC	43	--	1.10E+00	GW-2	Data Gap
Acrylonitrile	--	--	--	NA	NA	30	--	1.90E+00	SL-1	Not a PCOPC	43	--	2.80E-02	GW-2	Data Gap
Anthracene	10	Yes	9.60E-01	SL-8	Not a PCOPC	4	--	5.10E-02	SL-7	Not a PCOPC	58	Yes	2.10E+00	GW-3	Not a PCOPC
Antimony	14	--	5.42E+00	SL-2	Not a PCOPC	--	--	--	NA	NA	7	--	6.00E+00	GW-1	Not a PCOPC
Aroclor 1016	--	--	--	NA	NA	--	--	--	NA	NA	1	--	None	NA	Not a PCOPC
Aroclor 1221	--	--	--	NA	NA	--	--	--	NA	NA	1	--	None	NA	Not a PCOPC
Aroclor 1232	--	--	--	NA	NA	--	--	--	NA	NA	1	--	None	NA	Not a PCOPC
Aroclor 1242	--	--	--	NA	NA	--	--	--	NA	NA	1	--	None	NA	Not a PCOPC
Aroclor 1248	--	--	--	NA	NA	--	--	--	NA	NA	1	--	None	NA	Not a PCOPC

Analyte	Vadose Soil					Saturated Soil					Shallow Groundwater				
	No. of Samples	Detected?	PCUL (mg/kg)	PCUL Basis	Preliminary COPC Selection	No. of Samples	Detected?	PCUL (mg/kg)	PCUL Basis	PCOPC Selection	No. of Samples	Detected?	PCUL (ug/L)	PCUL Basis	PCOPC Selection
Aroclor 1254	--	--	--	NA	NA	--	--	--	NA	NA	1	--	None	NA	Not a PCOPC
Aroclor 1260	--	--	--	NA	NA	--	--	--	NA	NA	1	--	None	NA	Not a PCOPC
Arsenic	62	Yes	7.30E+00	SL-10	PCOPC	35	Yes	7.30E+00	SL-10	PCOPC	100	Yes	8.00E+00	GW-5	PCOPC
Benzene	16	--	8.80E-03	SL-3	Not a PCOPC	41	Yes	5.60E-04	SL-6	PCOPC	90	--	1.60E+00	GW-2	Data Gap
Benzo(a)anthracene	10	Yes	1.30E+00	SL-8	Not a PCOPC	4	Yes	6.80E-02	SL-7	Not a PCOPC	58	Yes	1.60E-04	GW-2	PCOPC
Benzo(a)pyrene	10	Yes	1.90E-01	SL-1	Not a PCOPC	4	Yes	8.40E-02	SL-7	Not a PCOPC	58	--	1.60E-05	GW-2	Data Gap
Benzo(b)fluoranthene	10	Yes	None	NA	Not a PCOPC	4	Yes	None	NA	Not a PCOPC	49	--	1.60E-04	GW-2	Not a PCOPC
Benzo(b,k)fluoranthene	4	Yes	None	NA	Not a PCOPC	2	Yes	None	NA	Not a PCOPC	9	--	1.60E-04	GW-2	Data Gap
Benzo(ghi)perylene	10	Yes	6.70E-01	SL-8	Not a PCOPC	4	--	6.70E-01	SL-8	Not a PCOPC	58	--	None	NA	Not a PCOPC
Benzo(k)fluoranthene	10	Yes	None	NA	Not a PCOPC	4	Yes	None	NA	Not a PCOPC	49	--	1.60E-03	GW-2	Not a PCOPC
Beryllium	14	--	6.32E+01	SL-2	Not a PCOPC	--	--	--	NA	NA	7	--	4.00E+00	GW-1	Not a PCOPC
Bromobenzene	15	--	5.60E-01	SL-2	Not a PCOPC	41	--	3.30E-02	SL-5	Not a PCOPC	89	--	6.40E+01	GW-1	Not a PCOPC
Bromodichloromethane	15	--	1.40E-02	SL-3	Data Gap	41	--	9.60E-04	SL-6	Data Gap	89	--	1.80E+00	GW-4	Data Gap
Bromoethane	--	--	--	NA	NA	30	--	None	NA	Not a PCOPC	43	--	None	NA	Not a PCOPC
Bromoform	15	--	7.80E-02	SL-3	Not a PCOPC	41	--	5.00E-03	SL-6	Data Gap	89	--	1.20E+01	GW-2	Not a PCOPC
Bromomethane	15	--	5.00E-02	SL-2	Not a PCOPC	41	--	3.30E-03	SL-5	Data Gap	89	--	1.10E+01	GW-1	Not a PCOPC
Butane	--	--	--	NA	NA	--	--	--	NA	NA	--	--	--	NA	NA
C10-C12 Aliphatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C10-C12 Aromatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C12-C16 Aliphatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C12-C16 Aromatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C16-C21 Aliphatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	Yes	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C16-C21 Aromatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	Yes	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C21-C34 Aliphatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	Yes	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C21-C34 Aromatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	Yes	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C8-C10 Aliphatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC
C8-C10 Aromatic Hydrocarbons	1	--	None	NA	Not a PCOPC	1	--	None	NA	Not a PCOPC	--	--	--	NA	NA
Cadmium	15	Yes	7.70E-01	SL-10	PCOPC	1	--	7.70E-01	SL-10	Not a PCOPC	7	--	1.20E+00	GW-3	Not a PCOPC
Carbon disulfide	4	--	5.00E+00	SL-2	Not a PCOPC	30	Yes	2.70E-01	SL-5	Not a PCOPC	43	--	4.00E+02	GW-4	Not a PCOPC
Carbon tetrachloride	15	--	2.90E-03	SL-3	Data Gap	41	--	1.50E-04	SL-6	Data Gap	89	--	3.50E-01	GW-2	Data Gap
Chlorobenzene	15	--	8.60E-01	SL-2	Not a PCOPC	41	--	5.10E-02	SL-5	Not a PCOPC	89	--	1.00E+02	GW-1	Not a PCOPC
Chlorobromomethane	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	53	--	None	NA	Not a PCOPC
Chloroethane	15	--	None	NA	Not a PCOPC	41	--	None	NA	Not a PCOPC	89	--	1.90E+04	GW-4	Not a PCOPC
Chloroform	15	--	7.40E-02	SL-2	Not a PCOPC	41	--	4.80E-03	SL-5	Data Gap	89	--	1.20E+00	GW-4	Data Gap
Chloromethane	15	--	None	NA	Not a PCOPC	41	Yes	None	NA	Not a PCOPC	89	--	1.50E+02	GW-4	Not a PCOPC
Chromium, Hexavalent	43	Yes	1.80E+01	SL-2	PCOPC	62	Yes	9.30E-01	SL-5	PCOPC	110	Yes	4.80E+01	GW-1	PCOPC
Chromium, Total	38	Yes	2.60E+02	SL-8	PCOPC	62	Yes	2.60E+02	SL-8	PCOPC	110	Yes	1.00E+02	GW-1	PCOPC
Chromium, Trivalent	37	Yes	5.50E+02	SL-3	PCOPC	62	Yes	2.70E+01	SL-6	PCOPC	110	Yes	2.70E+01	GW-2	PCOPC
Chrysene	10	Yes	1.40E+00	SL-8	Not a PCOPC	4	Yes	7.40E-02	SL-7	Not a PCOPC	58	--	1.60E-02	GW-2	Data Gap
cis-1,2-Dichloroethene	37	Yes	7.80E-02	SL-2	Not a PCOPC	59	Yes	5.20E-03	SL-5	PCOPC	110	Yes	1.60E+01	GW-1	PCOPC
cis-1,3-Dichloropropene	15	--	2.30E-03	SL-2	Data Gap	41	--	1.40E-04	SL-5	Data Gap	89	--	4.40E-01	GW-1	Data Gap
Copper	15	Yes	3.60E+01	SL-10	PCOPC	--	--	--	NA	NA	55	Yes	3.10E+00	GW-2	PCOPC
cPAH TEQ	10	Yes	3.10E-04	SL-3	PCOPC	4	Yes	1.60E-05	SL-6	PCOPC	58	Yes	4.90E-03	GW-3	PCOPC
Dibenzo(a,h)anthracene	10	Yes	2.30E-01	SL-8	Not a PCOPC	4	--	1.20E-02	SL-7	Not a PCOPC	58	--	1.60E-05	GW-2	Data Gap
Dibromochloromethane	15	--	1.20E-02	SL-3	Data Gap	41	--	7.70E-04	SL-6	Data Gap	89	--	2.20E+00	GW-2	Data Gap
Dibromomethane	15	--	8.00E+02	SL-1	Not a PCOPC	41	--	8.00E+02	SL-1	Not a PCOPC	89	--	8.00E+01	GW-1	Not a PCOPC
Dichlorodifluoromethane (Freon 12)	15	--	1.60E+04	SL-1	Not a PCOPC	11	--	1.60E+04	SL-1	Not a PCOPC	42	--	5.60E+00	GW-4	Not a PCOPC
Diesel Range Hydrocarbons	21	Yes	2.00E+03	SL-2	PCOPC	42	Yes	2.00E+03	SL-5	PCOPC	101	Yes	5.00E+02	GW-1	PCOPC
Diesel Range Hydrocarbons (HCID)	11	--	None	NA	Not a PCOPC	11	--	None	NA	Not a PCOPC	7	Yes	None	NA	Not a PCOPC
Ethylbenzene	16	--	2.60E-01	SL-3	Not a PCOPC	41	Yes	1.50E-02	SL-6	PCOPC	90	Yes	3.10E+01	GW-2	Not a PCOPC
Fluoranthene	10	Yes	1.70E+00	SL-8	Not a PCOPC	4	Yes	9.00E-02	SL-7	Not a PCOPC	58	Yes	1.80E+00	GW-3	Not a PCOPC
Fluorene	10	--	5.40E-01	SL-8	Not a PCOPC	4	--	2.90E-02	SL-7	Not a PCOPC	58	Yes	3.70E+00	GW-3	Not a PCOPC
Freon 113	--	--	--	NA	NA	30	--	2.40E+06	SL-1	Not a PCOPC	43	--	1.80E+02	GW-4	Not a PCOPC

Analyte	Vadose Soil					Saturated Soil					Shallow Groundwater				
	No. of Samples	Detected?	PCUL (mg/kg)	PCUL Basis	Preliminary COPC Selection	No. of Samples	Detected?	PCUL (mg/kg)	PCUL Basis	PCOCP Selection	No. of Samples	Detected?	PCUL (ug/L)	PCUL Basis	PCOCP Selection
Freon 114	--	--	--	NA	NA	--	--	--	NA	NA	--	--	--	NA	NA
Gasoline Range Hydrocarbons	5	Yes	3.00E+01	SL-2	Not a PCOCP	5	--	3.00E+01	SL-5	Not a PCOCP	3	Yes	8.00E+02	GW-1	Not a PCOCP
Gasoline Range Hydrocarbons (HCID)	11	--	None	NA	Not a PCOCP	11	--	None	NA	Not a PCOCP	7	Yes	None	NA	Not a PCOCP
Hexachlorobutadiene	15	--	1.10E-02	SL-3	Data Gap	37	--	5.40E-04	SL-6	Data Gap	89	--	1.00E-02	GW-2	Data Gap
Indeno(1,2,3-cd)pyrene	10	Yes	6.00E-01	SL-8	Not a PCOCP	4	--	3.20E-02	SL-7	Not a PCOCP	58	--	1.60E-04	GW-2	Data Gap
Isobutane	--	--	--	NA	NA	--	--	--	NA	NA	--	--	--	NA	NA
Isopropylbenzene	15	--	8.00E+03	SL-1	Not a PCOCP	41	Yes	8.00E+03	SL-1	Not a PCOCP	89	Yes	7.20E+02	GW-4	Not a PCOCP
Lead	62	Yes	2.50E+02	SL-1	PCOCP	36	Yes	8.10E+01	SL-6	Not a PCOCP	65	Yes	8.10E+00	GW-2	PCOCP
m,p-Xylene	11	--	1.40E+01	SL-2	Not a PCOCP	41	Yes	8.30E-01	SL-5	Not a PCOCP	89	Yes	3.30E+02	GW-4	Not a PCOCP
Mercury	14	Yes	7.00E-02	SL-10	PCOCP	--	--	--	NA	NA	7	--	2.50E-02	GW-2	Not a PCOCP
Methyl iodide	--	--	--	NA	NA	30	--	None	NA	Not a PCOCP	43	--	None	NA	Not a PCOCP
Methyl tert-butyl ether	4	--	1.00E-01	SL-2	Not a PCOCP	--	--	--	NA	NA	37	--	2.40E+01	GW-1	Not a PCOCP
Methylene chloride	15	Yes	2.10E-02	SL-2	Not a PCOCP	41	Yes	1.50E-03	SL-5	PCOCP	89	--	5.00E+00	GW-1	Data Gap
Naphthalene	21	Yes	3.89E-02	SL-3	Not a PCOCP	45	Yes	2.10E-03	SL-6	PCOCP	108	Yes	1.40E+00	GW-2	PCOCP
n-Butylbenzene	15	--	4.00E+03	SL-1	Not a PCOCP	41	Yes	4.00E+03	SL-1	Not a PCOCP	62	--	4.00E+02	GW-1	Not a PCOCP
n-Hexane	--	--	--	NA	NA	--	--	--	NA	NA	27	--	None	NA	Not a PCOCP
Nickel	14	Yes	3.80E+01	SL-10	Not a PCOCP	--	--	--	NA	NA	7	Yes	8.20E+00	GW-2	PCOCP
n-Propylbenzene	15	--	8.00E+03	SL-1	Not a PCOCP	41	Yes	8.00E+03	SL-1	Not a PCOCP	89	Yes	8.00E+02	GW-1	Not a PCOCP
Oil Range Hydrocarbons	21	Yes	2.00E+03	SL-2	PCOCP	42	Yes	2.00E+03	SL-5	PCOCP	101	Yes	5.00E+02	GW-1	PCOCP
Oil Range Hydrocarbons (HCID)	11	--	None	NA	Not a PCOCP	11	--	None	NA	Not a PCOCP	7	Yes	None	NA	Not a PCOCP
o-Xylene	11	--	1.40E+01	SL-2	Not a PCOCP	41	--	8.30E-01	SL-5	Not a PCOCP	89	Yes	3.30E+02	GW-4	Not a PCOCP
Phenanthrene	10	Yes	1.50E+00	SL-8	Not a PCOCP	4	Yes	1.50E+00	SL-8	Not a PCOCP	58	Yes	None	NA	Not a PCOCP
Pyrene	10	Yes	2.60E+00	SL-8	Not a PCOCP	4	Yes	1.40E-01	SL-7	Not a PCOCP	58	--	2.00E+00	GW-3	Not a PCOCP
sec-Butylbenzene	15	--	8.00E+03	SL-1	Not a PCOCP	41	Yes	8.00E+03	SL-1	Not a PCOCP	89	--	8.00E+02	GW-1	Not a PCOCP
Selenium	14	--	5.20E+00	SL-2	Not a PCOCP	34	Yes	2.60E-01	SL-5	PCOCP	100	Yes	5.00E+01	GW-1	Not a PCOCP
Silver	14	--	3.20E-01	SL-3	Not a PCOCP	--	--	--	NA	NA	7	--	1.90E+00	GW-2	Not a PCOCP
Styrene	15	--	2.20E+00	SL-2	Not a PCOCP	41	--	1.20E-01	SL-5	Not a PCOCP	89	--	1.00E+02	GW-1	Not a PCOCP
tert-Butylbenzene	15	--	8.00E+03	SL-1	Not a PCOCP	41	--	8.00E+03	SL-1	Not a PCOCP	89	--	8.00E+02	GW-1	Not a PCOCP
Tetrachloroethene	15	--	2.90E-02	SL-3	Not a PCOCP	41	--	1.60E-03	SL-6	Data Gap	89	--	2.90E+00	GW-2	Data Gap
Thallium	14	--	8.80E-02	SL-3	Data Gap	--	--	--	NA	NA	7	--	6.20E-02	GW-2	Data Gap
Toluene	16	--	9.20E-01	SL-3	Not a PCOCP	41	Yes	5.50E-02	SL-6	Not a PCOCP	90	Yes	1.30E+02	GW-2	Not a PCOCP
Total benzofluoranthenes	10	Yes	3.20E+00	SL-8	Not a PCOCP	4	Yes	3.20E+00	SL-8	Not a PCOCP	--	--	--	NA	NA
Total Diesel + Oil	21	Yes	2.00E+03	SL-2	PCOCP	42	Yes	2.00E+03	SL-5	PCOCP	101	Yes	5.00E+02	GW-1	PCOCP
Total Extractable Hydrocarbons	1	--	None	NA	Not a PCOCP	1	Yes	None	NA	Not a PCOCP	--	--	--	NA	NA
Total HPAHs	10	Yes	1.20E+01	SL-8	Not a PCOCP	4	Yes	1.20E+01	SL-8	Not a PCOCP	--	--	--	NA	NA
Total LPAHs	10	Yes	5.20E+00	SL-8	Not a PCOCP	4	Yes	5.20E+00	SL-8	Not a PCOCP	--	--	--	NA	NA
Total naphthalenes	10	Yes	3.89E-02	SL-3	PCOCP	4	--	2.10E-03	SL-6	Not a PCOCP	21	Yes	1.40E+00	GW-2	PCOCP
Total PCBs	--	--	--	NA	NA	--	--	--	NA	NA	1	--	7.00E-06	GW-2	Not a PCOCP
trans-1,2-Dichloroethene	37	--	5.20E-01	SL-2	Not a PCOCP	59	--	3.20E-02	SL-5	Not a PCOCP	110	Yes	1.00E+02	GW-1	Not a PCOCP
trans-1,3-Dichloropropene	15	--	2.30E-03	SL-2	Data Gap	41	--	1.40E-04	SL-5	Data Gap	89	--	4.40E-01	GW-1	Data Gap
trans-1,4-Dichloro-2-butene	--	--	--	NA	NA	30	--	None	NA	Not a PCOCP	43	--	None	NA	Not a PCOCP
Trichloroethene	37	Yes	4.40E-03	SL-3	PCOCP	59	Yes	2.70E-04	SL-6	PCOCP	110	Yes	7.00E-01	GW-2	PCOCP
Trichlorofluoromethane (Freon 11)	15	--	2.40E+04	SL-1	Not a PCOCP	41	--	2.40E+04	SL-1	Not a PCOCP	89	--	1.20E+02	GW-4	Not a PCOCP
Vinyl Acetate	--	--	--	NA	NA	30	--	2.30E+00	SL-5	Not a PCOCP	43	--	7.80E+03	GW-4	Not a PCOCP
Vinyl chloride	37	--	1.00E-03	SL-3	Data Gap	59	--	5.50E-05	SL-6	Data Gap	110	Yes	1.80E-01	GW-2	PCOCP
Xylenes, total	16	--	1.40E+01	SL-2	Not a PCOCP	41	Yes	8.30E-01	SL-5	Not a PCOCP	90	Yes	3.30E+02	GW-4	Not a PCOCP
Zinc	14	Yes	1.00E+02	SL-3	PCOCP	--	--	--	NA	NA	7	Yes	8.10E+01	GW-2	Not a PCOCP

Analyte	Deep Groundwater				
	No. of Samples	Detected?	PCUL (ug/L)	PCUL Basis	PCOCP Selection
1,1,1,2-Tetrachloroethane	28	--	1.68E+00	GW-1	Not a PCOCP
1,1,1-Trichloroethane	28	--	2.00E+02	GW-1	Not a PCOCP
1,1,2,2-Tetrachloroethane	28	--	2.19E-01	GW-1	Not a PCOCP
1,1,2-Trichloroethane	28	--	9.00E-01	GW-2	Not a PCOCP
1,1-Dichloroethane	28	--	7.68E+00	GW-1	Not a PCOCP
1,1-Dichloroethene	28	--	7.00E+00	GW-1	Not a PCOCP
1,1-Dichloropropene	28	--	None	NA	Not a PCOCP
1,2,3-Trichlorobenzene	28	--	None	NA	Not a PCOCP
1,2,3-Trichloropropane	28	--	3.80E-04	GW-1	Not a PCOCP
1,2,4-Trichlorobenzene	28	--	9.64E-01	GW-3	Not a PCOCP
1,2,4-Trimethylbenzene	28	Yes	8.00E+01	GW-1	Not a PCOCP
1,2-Dibromo-3-chloropropane	28	--	2.00E-01	GW-1	Data Gap
1,2-Dibromoethane	28	--	5.00E-02	GW-1	Not a PCOCP
1,2-Dichlorobenzene	28	--	4.61E+00	GW-3	Not a PCOCP
1,2-Dichloroethane	28	--	4.22E+00	GW-4	Not a PCOCP
1,2-Dichloropropane	28	--	3.10E+00	GW-2	Not a PCOCP
1,3,5-Trichlorobenzene	--	--	--	NA	NA
1,3,5-Trimethylbenzene	28	Yes	8.00E+01	GW-1	Not a PCOCP
1,3-Dichlorobenzene	28	--	2.00E+00	GW-2	Not a PCOCP
1,3-Dichloropropane	28	Yes	None	NA	Not a PCOCP
1,4-Dichlorobenzene	28	--	4.93E+00	GW-4	Not a PCOCP
1-Methylnaphthalene	6	--	1.51E+00	GW-1	Not a PCOCP
2,2-Dichloropropane	28	--	None	NA	Not a PCOCP
2-Butanone	29	--	4.80E+03	GW-1	Not a PCOCP
2-Chloroethylvinyl ether	15	--	None	NA	Not a PCOCP
2-Chloronaphthalene	--	--	--	NA	NA
2-Chlorotoluene	28	Yes	1.60E+02	GW-1	Not a PCOCP
2-Hexanone	27	--	4.00E+01	GW-1	Not a PCOCP
2-Methylnaphthalene	6	Yes	3.20E+01	GW-1	Not a PCOCP
4-Chlorotoluene	28	--	None	NA	Not a PCOCP
4-Ethyltoluene	--	--	--	NA	NA
4-Isopropyltoluene	28	--	None	NA	Not a PCOCP
4-Methyl-2-pentanone	27	--	6.40E+02	GW-1	Not a PCOCP
Acenaphthene	20	Yes	5.34E+00	GW-3	Not a PCOCP
Acenaphthylene	20	Yes	None	NA	Not a PCOCP
Acetone	27	Yes	7.20E+03	GW-1	Not a PCOCP
Acrolein	15	--	1.10E+00	GW-2	Not a PCOCP
Acrylonitrile	15	--	2.80E-02	GW-2	Not a PCOCP
Anthracene	20	Yes	2.15E+00	GW-3	Not a PCOCP
Antimony	2	--	6.00E+00	GW-1	Not a PCOCP
Aroclor 1016	--	--	--	NA	NA
Aroclor 1221	--	--	--	NA	NA
Aroclor 1232	--	--	--	NA	NA
Aroclor 1242	--	--	--	NA	NA
Aroclor 1248	--	--	--	NA	NA

Analyte	Deep Groundwater				
	No. of Samples	Detected?	PCUL (ug/L)	PCUL Basis	PCOCP Selection
Aroclor 1254	--	--	--	NA	NA
Aroclor 1260	--	--	--	NA	NA
Arsenic	39	Yes	8.00E+00	GW-5	PCOCP
Benzene	28	--	1.60E+00	GW-2	Not a PCOCP
Benzo(a)anthracene	20	Yes	1.60E-04	GW-2	PCOCP
Benzo(a)pyrene	20	--	1.60E-05	GW-2	Not a PCOCP
Benzo(b)fluoranthene	17	--	1.60E-04	GW-2	Not a PCOCP
Benzo(b,k)fluoranthene	3	--	1.60E-04	GW-2	Not a PCOCP
Benzo(ghi)perylene	20	--	None	NA	Not a PCOCP
Benzo(k)fluoranthene	17	--	1.60E-03	GW-2	Not a PCOCP
Beryllium	2	--	4.00E+00	GW-1	Not a PCOCP
Bromobenzene	28	--	6.40E+01	GW-1	Not a PCOCP
Bromodichloromethane	28	--	1.82E+00	GW-4	Not a PCOCP
Bromoethane	15	--	None	NA	Not a PCOCP
Bromoform	28	Yes	1.20E+01	GW-2	Not a PCOCP
Bromomethane	28	--	1.12E+01	GW-1	Not a PCOCP
Butane	--	--	--	NA	NA
C10-C12 Aliphatic Hydrocarbons	--	--	--	NA	NA
C10-C12 Aromatic Hydrocarbons	--	--	--	NA	NA
C12-C16 Aliphatic Hydrocarbons	--	--	--	NA	NA
C12-C16 Aromatic Hydrocarbons	--	--	--	NA	NA
C16-C21 Aliphatic Hydrocarbons	--	--	--	NA	NA
C16-C21 Aromatic Hydrocarbons	--	--	--	NA	NA
C21-C34 Aliphatic Hydrocarbons	--	--	--	NA	NA
C21-C34 Aromatic Hydrocarbons	--	--	--	NA	NA
C8-C10 Aliphatic Hydrocarbons	--	--	--	NA	NA
C8-C10 Aromatic Hydrocarbons	--	--	--	NA	NA
Cadmium	2	--	1.19E+00	GW-3	Not a PCOCP
Carbon disulfide	15	--	3.99E+02	GW-4	Not a PCOCP
Carbon tetrachloride	28	--	3.50E-01	GW-2	Not a PCOCP
Chlorobenzene	28	--	1.00E+02	GW-1	Not a PCOCP
Chlorobromomethane	16	--	None	NA	Not a PCOCP
Chloroethane	28	--	1.90E+04	GW-4	Not a PCOCP
Chloroform	28	Yes	1.19E+00	GW-4	Not a PCOCP
Chloromethane	28	--	1.53E+02	GW-4	Not a PCOCP
Chromium, Hexavalent	36	Yes	4.80E+01	GW-1	PCOCP
Chromium, Total	40	Yes	1.00E+02	GW-1	PCOCP
Chromium, Trivalent	34	Yes	2.74E+01	GW-2	PCOCP
Chrysene	20	Yes	1.60E-02	GW-2	Not a PCOCP
cis-1,2-Dichloroethene	36	--	1.60E+01	GW-1	Not a PCOCP
cis-1,3-Dichloropropene	28	--	4.38E-01	GW-1	Not a PCOCP
Copper	19	Yes	3.10E+00	GW-2	PCOCP
cPAH TEQ	20	Yes	4.90E-03	GW-3	PCOCP
Dibenzo(a,h)anthracene	20	Yes	1.60E-05	GW-2	PCOCP
Dibromochloromethane	28	--	2.20E+00	GW-2	Not a PCOCP
Dibromomethane	28	--	8.00E+01	GW-1	Not a PCOCP
Dichlorodifluoromethane (Freon 12)	12	--	5.65E+00	GW-4	Not a PCOCP
Diesel Range Hydrocarbons	35	Yes	5.00E+02	GW-1	Not a PCOCP
Diesel Range Hydrocarbons (HCID)	--	--	--	NA	NA
Ethylbenzene	28	Yes	3.10E+01	GW-2	Not a PCOCP
Fluoranthene	20	Yes	1.82E+00	GW-3	Not a PCOCP
Fluorene	20	Yes	3.67E+00	GW-3	Not a PCOCP
Freon 113	15	--	1.80E+02	GW-4	Not a PCOCP

Analyte	Deep Groundwater				
	No. of Samples	Detected?	PCUL (ug/L)	PCUL Basis	PCOCP Selection
Freon 114	--	--	--	NA	NA
Gasoline Range Hydrocarbons	5	Yes	8.00E+02	GW-1	Not a PCOCP
Gasoline Range Hydrocarbons (HCID)	--	--	--	NA	NA
Hexachlorobutadiene	28	--	1.00E-02	GW-2	Not a PCOCP
Indeno(1,2,3-cd)pyrene	20	Yes	1.60E-04	GW-2	PCOCP
Isobutane	--	--	--	NA	NA
Isopropylbenzene	28	Yes	7.20E+02	GW-4	Not a PCOCP
Lead	27	Yes	8.10E+00	GW-2	PCOCP
m,p-Xylene	28	Yes	1.60E+03	GW-4	Not a PCOCP
Mercury	2	--	2.50E-02	GW-2	Not a PCOCP
Methyl iodide	15	--	None	NA	Not a PCOCP
Methyl tert-butyl ether	12	--	2.43E+01	GW-1	Not a PCOCP
Methylene chloride	28	--	5.00E+00	GW-1	Not a PCOCP
Naphthalene	36	Yes	1.40E+00	GW-2	Not a PCOCP
n-Butylbenzene	16	Yes	4.00E+02	GW-1	Not a PCOCP
n-Hexane	12	--	None	NA	Not a PCOCP
Nickel	2	Yes	8.20E+00	GW-2	PCOCP
n-Propylbenzene	28	Yes	8.00E+02	GW-1	Not a PCOCP
Oil Range Hydrocarbons	35	Yes	5.00E+02	GW-1	Not a PCOCP
Oil Range Hydrocarbons (HCID)	--	--	--	NA	NA
o-Xylene	28	--	1.60E+03	GW-4	Not a PCOCP
Phenanthrene	20	Yes	None	NA	Not a PCOCP
Pyrene	20	Yes	2.01E+00	GW-3	Not a PCOCP
sec-Butylbenzene	28	--	8.00E+02	GW-1	Not a PCOCP
Selenium	39	Yes	5.00E+01	GW-1	Not a PCOCP
Silver	2	--	1.90E+00	GW-2	Not a PCOCP
Styrene	28	--	1.00E+02	GW-1	Not a PCOCP
tert-Butylbenzene	28	--	8.00E+02	GW-1	Not a PCOCP
Tetrachloroethene	28	--	2.90E+00	GW-2	Not a PCOCP
Thallium	2	--	6.19E-02	GW-2	Data Gap
Toluene	28	--	1.30E+02	GW-2	Not a PCOCP
Total benzofluoranthenes	--	--	--	NA	NA
Total Diesel + Oil	35	Yes	5.00E+02	GW-1	PCOCP
Total Extractable Hydrocarbons	--	--	--	NA	NA
Total HPAHs	--	--	--	NA	NA
Total LPAHs	--	--	--	NA	NA
Total naphthalenes	6	Yes	1.40E+00	GW-2	Not a PCOCP
Total PCBs	--	--	--	NA	NA
trans-1,2-Dichloroethene	36	--	1.00E+02	GW-1	Not a PCOCP
trans-1,3-Dichloropropene	28	--	4.38E-01	GW-1	Not a PCOCP
trans-1,4-Dichloro-2-butene	15	--	None	NA	Not a PCOCP
Trichloroethene	36	--	7.00E-01	GW-2	Not a PCOCP
Trichlorofluoromethane (Freon 11)	28	--	1.20E+02	GW-4	Not a PCOCP
Vinyl Acetate	15	--	7.80E+03	GW-4	Not a PCOCP
Vinyl chloride	36	--	1.80E-01	GW-2	Not a PCOCP
Xylenes, total	28	Yes	3.30E+02	GW-4	Not a PCOCP
Zinc	2	Yes	8.10E+01	GW-2	Not a PCOCP

Notes:

The PCOPC selections summarized in this table are based on available data. The COPC selection process will be completed as part of the remedial investigation following additional data collection.

Chemicals identified as PCOPC in this table are those that were identified as "Retain" in Appendix H tables H2-1 through H2-6. Some chemicals identified as "Data Gap" in Appendix H were identified as PCOPCs in this table, consistent with Section 7.1.

-- = data not available or not applicable.

COI = chemical of interest.

PCOPC = preliminary chemical of potential concern.

cPAH TEQ = carcinogenic PAHs.

FOD = frequency of detection.

HCID = hydrocarbon identification.

HPAHs = high molecular weight PAHs.

LPAHs = low molecular weight PAHs.

NA = not applicable.

MTCA = Model Toxics Control Act.

No. = number.

PAHs = polycyclic aromatic hydrocarbons.

PCUL = preliminary cleanup level.

RL = reporting limit.

UCL = upper confidence limit.

Table 4-1
LDW Environmental Transport and Exposure Pathways
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

LDW PCUL No.	LDW PCUL Name	Medium	Potentially Complete Under Current Conditions		Potentially Complete Under Potential Future Conditions		Notes
			On-Property	Off-Property	On-Property	Off-Property	
SL-1	Direct Contact	Soil	No	Yes	Yes	Yes	Property is currently paved, but pavement could be removed in the future Drainage ditch and other off-Property areas are not paved
SL-2	Protect Drinking Water, Vadose Zone	Soil, Vadose	No	No	Yes	Yes	Groundwater not used currently but could be used in the future
SL-3	Protect Surface Water via GW, Vadose Zone	Soil, Vadose	No	Unknown	Unknown	Unknown	Property is currently paved, but pavement could be removed in the future Unknown if groundwater contamination reaches the LDW
SL-4	Protect Sediment via GW, Vadose Zone	Soil, Vadose	No	Unknown	Unknown	Unknown	Property is currently paved, but pavement could be removed in the future Unknown if groundwater contamination reaches the LDW
SL-5	Protect Drinking Water, Saturated Zone	Soil, Saturated	No	No	Yes	Yes	Groundwater not used currently but could be used in the future
SL-6	Protect Surface Water via GW, Saturated Zone	Soil, Saturated	Unknown	Unknown	Unknown	Unknown	Unknown if groundwater contamination reaches the LDW
SL-7	Protect Sediment via GW, Saturated Zone	Soil, Saturated	Unknown	Unknown	Unknown	Unknown	Unknown if groundwater contamination reaches the LDW
SL-8	Protect Sediment via Erosion	Soil	Unknown	Unknown	Unknown	Unknown	Property is currently paved, but pavement could be removed in the future allowing soil to erode into the drainage ditch Unpaved off-Property soil could erode into the drainage ditch On- and off-Property soil could infiltrate into storm sewers
SL-9	Terrestrial Ecological Evaluation	Soil	No	No	No	No	Simplified terrestrial ecological evaluation ended
GW-1	Protect Drinking Water	GW	No	No	Yes	Yes	Groundwater not used currently but could be used in the future
GW-2	Protect Surface Water	GW	Unknown	Unknown	Unknown	Unknown	Unknown if groundwater contamination reaches the LDW
GW-3	Protect Sediment	GW	Unknown	Unknown	Unknown	Unknown	Unknown if groundwater contamination reaches the LDW
GW-4	Protect Indoor Air	GW	Yes	Unknown	Yes	Unknown	Off-Property extent of shallow groundwater contamination not fully delineated
AR-1	Air	Air	Yes	Unknown	Yes	Unknown	Off-Property buildings not evaluated
SG-1	Protect Indoor Air	Sub-slab Soil Gas	Yes	Unknown	Yes	Unknown	Off-Property areas not evaluated
SG-2	Protect Indoor Air	Deep Soil Gas	Unknown	Unknown	Unknown	Unknown	Deep soil gas not evaluated May not be included following further characterization of hydrogeology and vertical extent of volatiles in soil and groundwater

Notes:

GW = groundwater.

LDW = Lower Duwamish Waterway.

No. = number.

PCUL = preliminary cleanup level.

Property = 1231 S Director Street, Seattle, Washington.

Table 9-1
Soil Sampling Scope of Work - Tier 1
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

Boring ID	Drill Type	Target Depth (ft bgs)	Minimum Number of Soil Samples Analyzed				Purpose - Description	Soil Sample Analyses - See Notes													
			Vad	Fringe	Sat (10-15')	Deep WBZ/SI		Metals	TCE+	Full VOCs+	HCID w/follow-up	NWTPH-Gx	NWTPH-Dx	VPH/EPH	PAHs - SIM	SVOCs - Other	PFAS	Full SVOCs	PCBs		
SB20	Direct Push	15	1	FS	1		Investigate downgradient of hydraulic cylinder test vault Additional exploration of WH3	x	x		x						x				
SB21	Direct Push	15	1	FS	1		Additional exploration of WH3	x	x		x						x				
SB22	Direct Push	15	1	FS	1		Additional exploration of WH2 Assess potential for contaminant transport along former sanitary sewer line	x	x		x						x				
SB23	Direct Push	15	1	FS	1		Explore northern portion of WH1 Assess for potential contamination from cylinder shop	x	x		x					x	x	A			
SB24	Direct Push	20	1	FS	1		TCE observed in soil in GP11 Assess potential for downward migration of TCE toward DWBZ	x	x		x										
SB25	Direct Push	20	1	FS	1		TCE observed in soil in GP11	x	x		x										
SB26	Direct Push	15	1	FS	1		Exploration northwest of former tank area	x	x		x					x					
SB27	Direct Push	15	1	FS	1		Exploration northwest of former tank area	x	x		x										
SB28	Direct Push	15	1	FS	1		TPH and occasional trivalent chromium observed in MW6	x	x		x										
SB29	Direct Push	15	1	FS	1		Exploration south of former tank area TPH observed in shallow groundwater downgradient	x		x	x				x		x	x	x		
SB30	Direct Push	15	1	FS	1		TPH observed in GP21 TPH observed in shallow wells downgradient	x	x			x	x	see notes							
SB31	Direct Push	15	1	FS	1		TPH observed in GP21 and SB5 TPH observed in shallow wells downgradient	x	x			x	x	see notes				A			
SB32	Direct Push	15	1	FS	1		TPH observed in shallow wells downgradient	x	x			x	x	see notes				A			
SB33	Direct Push	15	1	FS	1		Boring in former tank area	x		x	x				x		x	x	x		
MW12	Sonic	20	1	FS	1		New upgradient shallow well	x	x		x										
MW13	Sonic / tele	40	1	FS	1	1	New upgradient deep well	x	x		x										
MW14	Sonic / tele	40	1	FS	1	1	Deep well due to TCE in WH1 (adjacent to GP11)	x		x	x				x	x	x	x	x		
MW15	Sonic / tele	40	1	FS	1	1	Deep well due to TCE in WH1 (adjacent to GP6)	x		x	x				x	x	x	x	x		
MW16	Sonic / tele	40	1	FS	1	1	Deep well to assess deep groundwater downgradient of building	x	x		x						x	A			

Boring ID	Drill Type	Target Depth (ft bgs)	Minimum Number of Soil Samples Analyzed				Purpose - Description	Soil Sample Analyses - See Notes												
			Vad	Fringe	Sat (10-15')	Deep WBZ/SI		Metals	TCE+	Full VOCs+	HCID w/follow-up	NWTPH-Gx	NWTPH-Dx	VPH/EPH	PAHs - SIM	SVOCs - Other	PFAS	Full SVOCs	PCBs	
MW17	Sonic / tele	40	1	FS	1	1	Deep well to assess deep groundwater downgradient of building	x	x		x							A		
MW18	Sonic	20	1	FS	1		Assess shallow GW south of building, between MW4 and MW8	x	x		x							A		

Notes:

- Soil Sample Analyses = See SAP/QAPP for full lists and complete details
- Vad = Vadose soil sample
- Fringe = Capillary fringe soil sample: only analyzed if field screening (FS) warrants analysis
- Sat = Saturated soil sample
- Deep WBZ/SI = Soil sample from deep water bearing zone (borings) / screened interval (monitoring well boring)
- Vadose = vadose soil sample only to be analyzed
- Purpose - Bound = The purpose of the boring is to attempt to bound previously-identified locations with elevated concentrations of PCOPCs
- Purpose - Analytes = The purpose of the boring is to collect samples and analyze them for additional analytes not previously analyzed (PFAS, full SVOCs, PCBs)
- Metals = Arsenic, cadmium, chromium [hexavalent and total], copper, lead, mercury, nickel, selenium, and zinc
- TCE+ = Trichloroethene and degradation products
- HCID w/Follow up = Hydrocarbon identification, with follow up analysis by NWTPH-Gx and/or NWTPH-Dx if there are detections of either by HCID
- VPH/EPH = Volatile petroleum hydrocarbons and extractable petroleum hydrocarbons analyzed in at least 3 samples with greater than 1,000 mg/kg TPH detected
- NWTPH-Gx = Northwest total petroleum hydrocarbons gasoline range
- NWTPH-Dx = Northwest total petroleum hydrocarbons diesel- and oil-range
- PAHs- SIM = Polycyclic aromatic hydrocarbons - selected ion mode
- SVOCs - Other = 1,2,4-trichlorobenzene; 1,2-, 1,3-, and 1,4-dichlorobenzene; and hexachlorobutadiene
- Full VOCs+ = Full suite volatile organic compounds and 1,4-Dioxane
- PFAS = Perfluoroalkyl substances
- Full SVOCs = Full suite semivolatile organic compounds
- PCBs = polychlorinated biphenyls congeners
- FS = Sample collected at capillary fringe if field screening warrants analysis
- WH = Warehouse
- A = Archive
- X = Analyze
- Direct Push = Direct push boring with continuous sampling
- Hollow Stem = Hollow stem auger boring with samples collected at 2.5' bgs, 5' bgs, and every 5' thereafter
- ft bgs = feet below ground surface

Table 9-2
Groundwater Scope of Work - Tier 1
Precision Engineering, Inc.
Dick Morgan
Seattle, Washington

Well ID	Groundwater Sample Analyses - see notes												
	Metals, total	Metals, Dissolved (Field Filtered)	HCID with GRO Follow up if detection	NWTPH-Dx	NWTPH-Dx w/SGT	VPH/EPH	PAHs - SIM	Full SVOCs	SVOCs - other	Full VOCs+	PCBs	PFAS	Geochemical Parameters
MW1	x	x	x	x			x		x	x		A	
MW2	x	x	x	x		A	x	X	x	x	X	A	
MW3	x	x	x	x			x		x	x		A	x
MW4	x	x	x	x			x		x	x		A	
MW5	x	x	x	x			x	x	x	x	x	x	x
MW6	x	x	x	x	see note	see note	x	x	x	x	x	A	
MW7	x	x	x	x		A	x		x	x		A	
MW8	x	x	x	x	see note		x		x	x		A	
MW9	x	x	x	x		A	x		x	x		A	x
MW10	x	x	x	x	see note	A	x		x	x		A	x
MW11	x	x	x	x			x		x	x		A	x
MW12	x	x	x	x			x		x	x		x	
MW13	x	x	x	x			x		x	x		X	x
MW14	x	x	x	x			x		x	x		X	x
MW15	x	x	x	x			x		x	x		x	
MW16	x	x	x	x		see notes	x		x	x		A	
MW17	x	x	x	x			x		x	x		A	x
MW18	x	x	x	x	see note	see note	x		x	x		A	
Hyd Cyl Vault	x	x	x	x			x		x	x			

Notes:

Groundwater Sample Analyses: See SAP/QAPP for full lists and complete details

Metals = Arsenic, cadmium, chromium [hexavalent and total], copper, lead, mercury, nickel, selenium, thallium and zinc

HCID w/Follow up = Hydrocarbon Identification with Follow up for gasoline-range organics if detected by HCID

NWTPH-Dx = Northwest Total Petroleum Hydrocarbons - Diesel range organics

NWTPH-Dx w/SGT = Northwest Total Petroleum Hydrocarbons - Diesel range organics with acid/silica gel cleanup if detections by NWTPH-Dx

VPH/EPH = Volatile petroleum hydrocarbons and extractable petroleum hydrocarbons analyzed in at least three samples if TPH detected in groundwater

X = Analyze

PAHs- SIM = Polycyclic aromatic hydrocarbons - selected ion mode

SVOCs - Other = 1,2,4-trichlorobenzene; 1,2-, 1,3-, and 1,4-dichlorobenzene; and hexachlorobutadiene

Geochemical parameters = Total organic carbon, nitrate, sulfate, and dissolved manganese

Hyd Cyl Vault = A grab sample from the Hydraulic Cylinder Test Vault

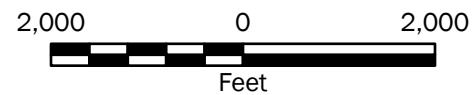
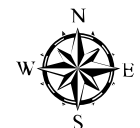
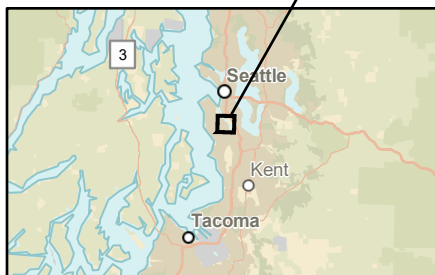
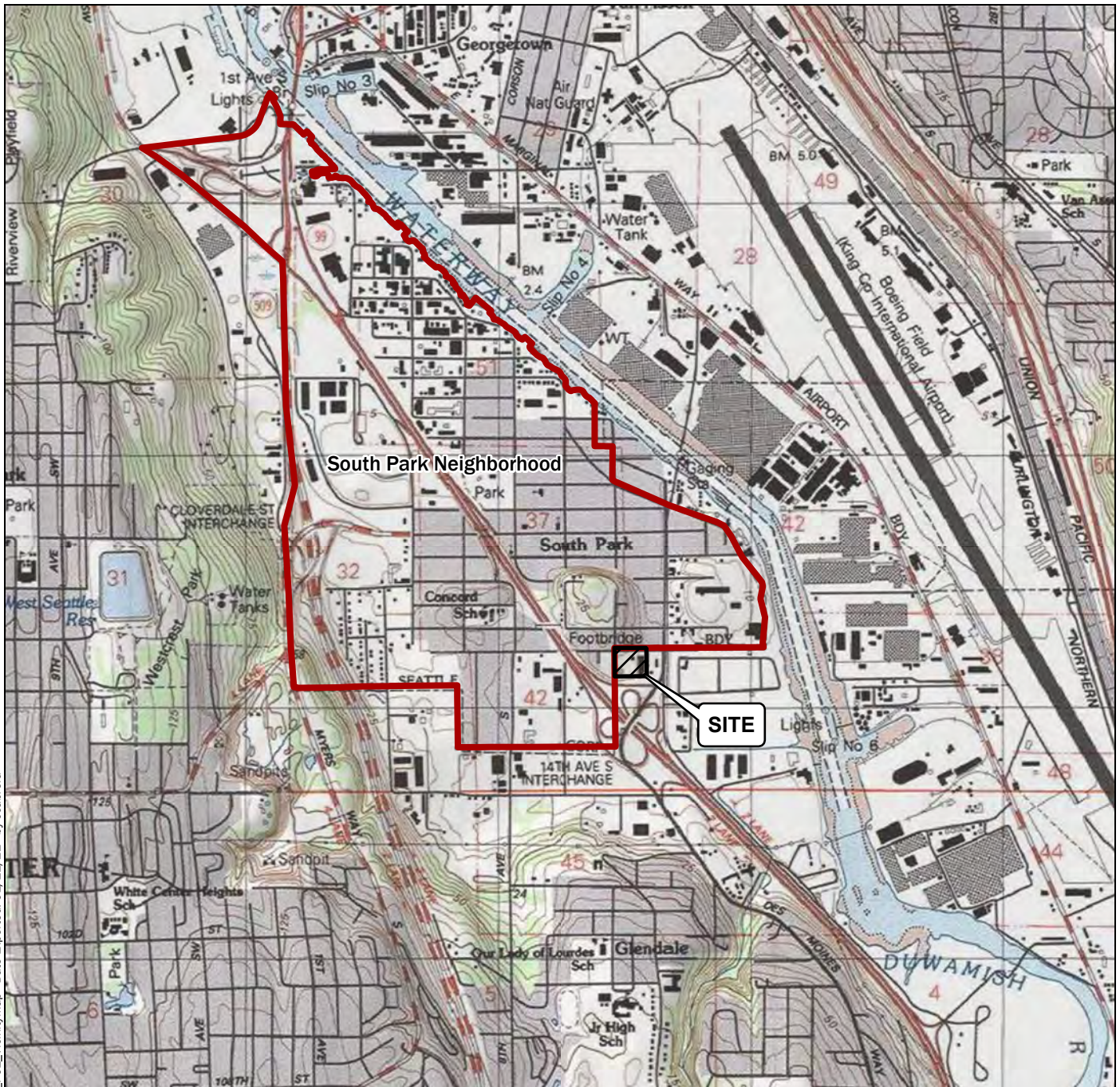
A = Archive

Full SVOCs = Full suite SVOCs

PFAS = Perfluoroalkyl substances

PCBs = PCB congeners

Full VOCs+ = Full suite VOCs and 1,4-Dioxane



Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: ESRI
 Projection: NAD 1983 UTM Zone 10N

Vicinity Map	
Precision Engineering, Inc. Seattle, Washington	
	Figure 1-1

P:\25\25661001\GIS\25661001_Project.aprx\25661001_F01_VicinityMap Date Exported: 01/12/22 by ccoabre

Project: 1803 01
 Produced By: stumer
 Approved By: Ingood
 Print Date: 3/1/2021
 Path: X:\1803 01\01\Project\Fig_2_Historical_Site_Features.mxd

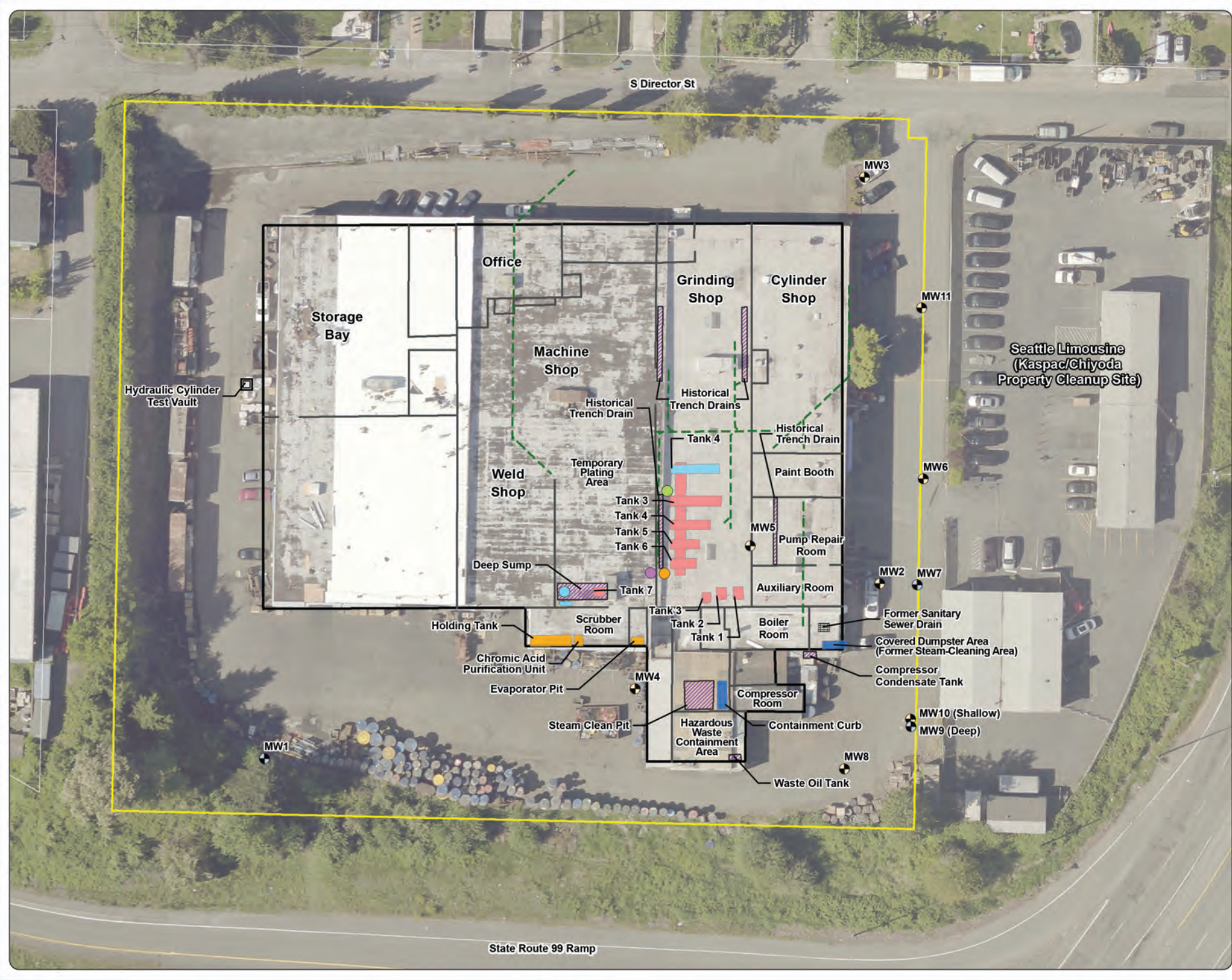


Figure 2-1
Historical Site Features
 Precision Engineering, Inc.
 Seattle, Washington

Legend

- Sodium Hydroxide Tank
- Sodium Carbonate Tank
- Other Tanks Containing Chromic Acid
- Chromic Acid Plating Tank
- Trichloroethene Tank
- Hydroxide Acid Tank
- Other Historical Feature
- Property Parcel
- King County Parcels


Site Features

- Former Sanitary Sewer
- Deep Monitoring Well
- Shallow Monitoring Well

NOTES:
 Feature locations are approximate.
 Deep monitoring wells are completed in the confined sand and gravel water-bearing zone.
 Shallow monitoring wells are completed in the confined alluvial water-bearing zone.

0 25 50
 Feet

Source:
 Aerial photograph obtained from King County (2019).
 Former sanitary sewer and storm drain features obtained from Precision Engineering, Inc. (July, 1986).
 Historical features obtained from Final Remedial Investigation and Risk Assessment Report (MFA, 2008).
 Parcel data obtained from King County GIS.
 Well locations for MW01-MW08 obtained from survey conducted by Duncanson, Inc.


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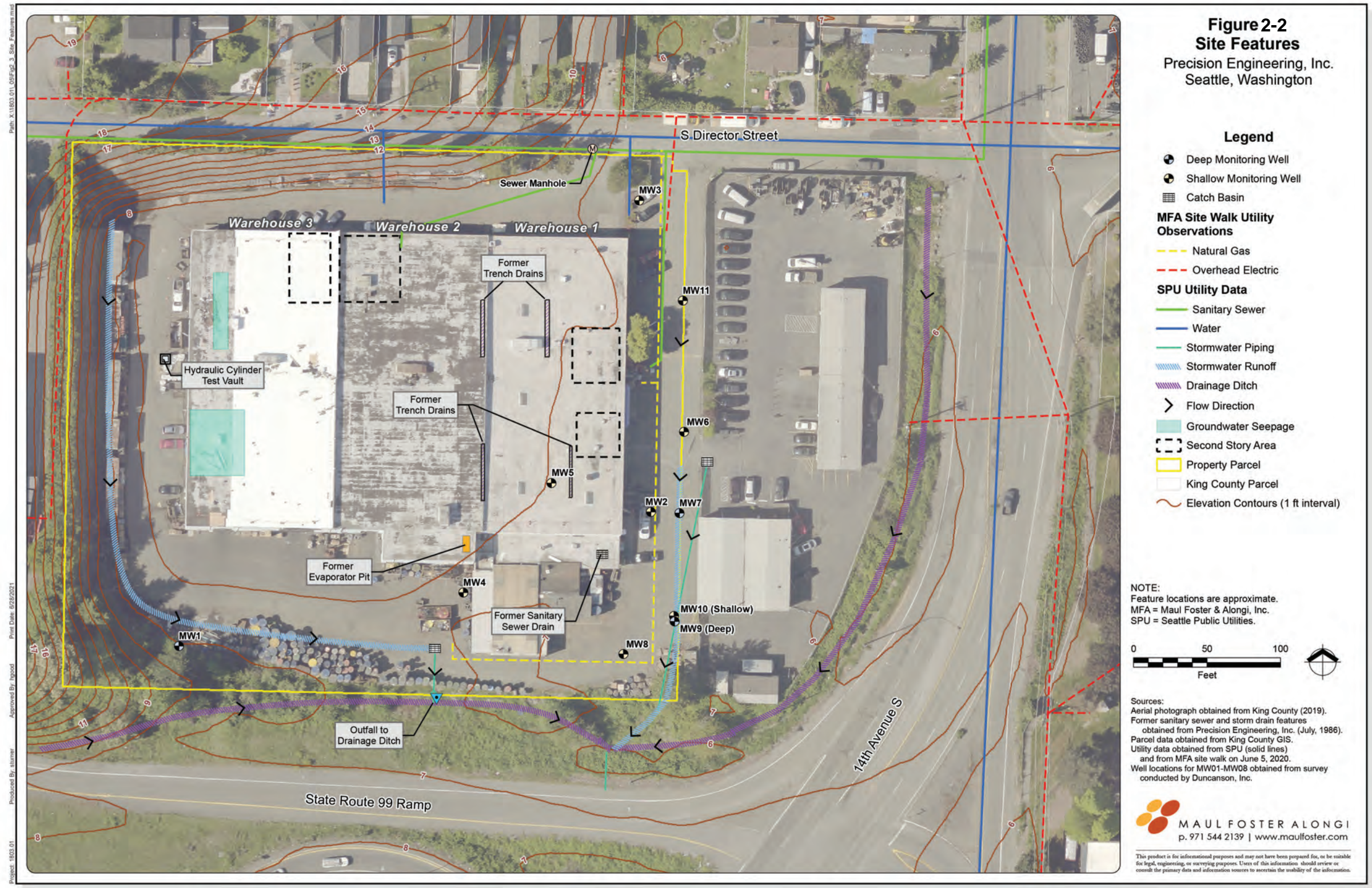
Notes:

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Historical Site Features	
Precision Engineering, Inc. Seattle, Washington	
	Figure 2-1

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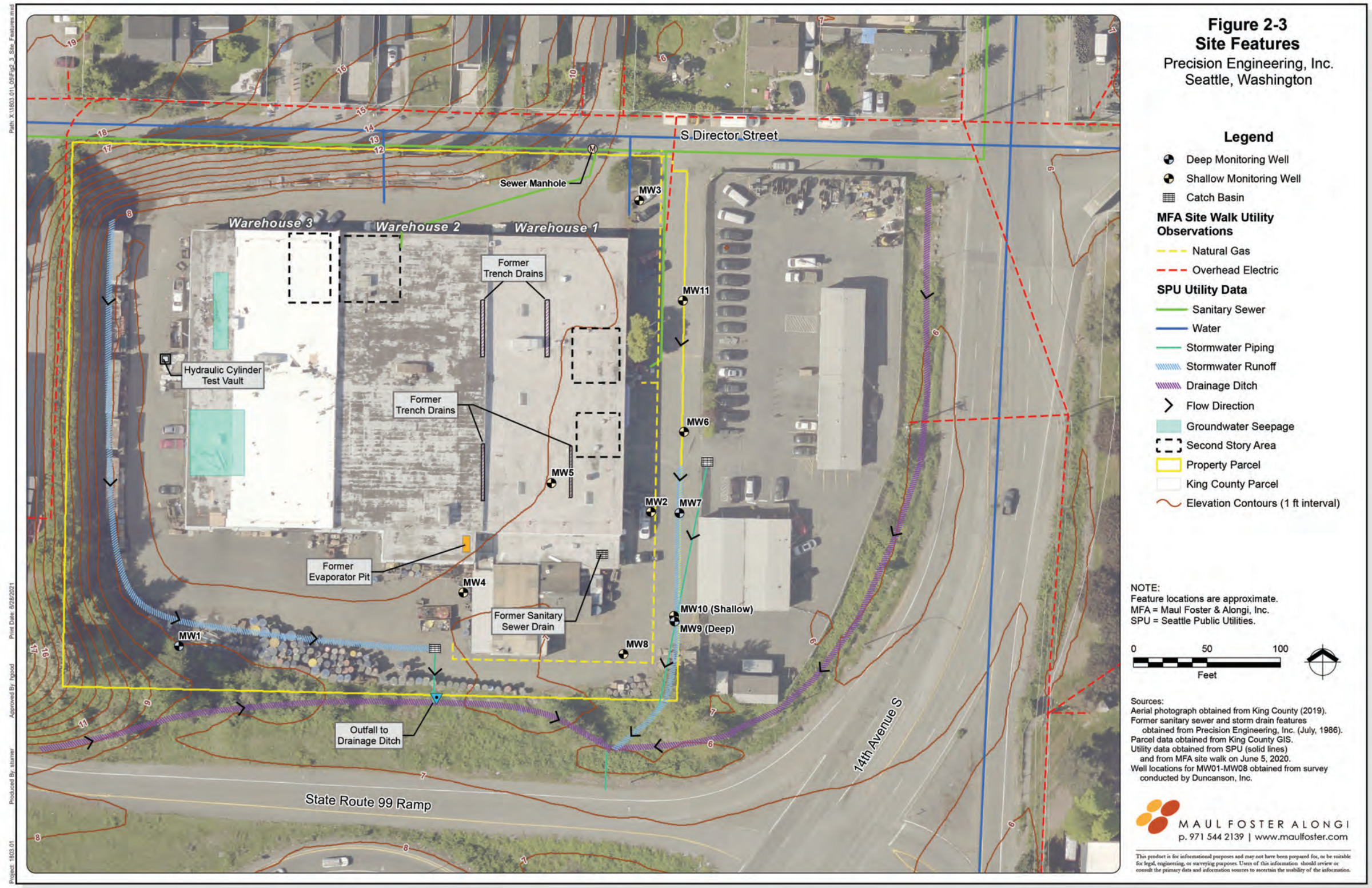


Notes:

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Site Features	
Precision Engineering, Inc. Seattle, Washington	
GEOENGINEERS	Figure 2-2



Notes:

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Site Features	
Precision Engineering, Inc. Seattle, Washington	
GEOENGINEERS	Figure 2-3



Figure 2-4
Previous Sample Locations
 Precision Engineering, Inc.
 Seattle, Washington
DRAFT

Legend

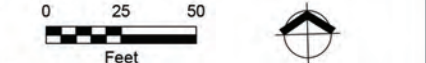
Previous Sample Locations

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- Indoor Air
- Passive Indoor Air
- Shallow Monitoring Well
- Sub-Slab Soil Gas
- Surface Soil

Site Features

- - - Natural Gas
- - - Water
- - - Overhead Electric
- - - Former Sanitary Sewer
- - - Sanitary Sewer (SPU)
- - - Water (SPU)
- - - Stormwater Piping
- - - Stormwater Runoff
- - - Drainage Ditch
- - - Groundwater Seepage
- - - Historical Excavation Boundaries
- - - Second Story Area
- - - Property Boundary

NOTE:
 Feature locations are approximate.
 Details for site features and historical features shown on this map that are not labeled or defined in the legend are defined in Figures 2-2 and 2-3.
 SPU = Seattle Public Utilities.



Source:
 Aerial photograph obtained from King County (2019).
 Former sanitary sewer and storm drain features obtained from Precision Engineering, Inc. (July, 1986).
 Historical features obtained from Final Remedial Investigation and Risk Assessment Report (MFA, 2008).
 Parcel data obtained from King County GIS.
 Utility data obtained from SPU (solid lines) and from MFA site walk on June 5, 2020.
 Well locations for MW01-MW08 obtained from survey conducted by Duncanson, Inc.



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Project: 1803_01 Produced By: atanner Drawn Date: 7/28/2021 Print Date: 7/28/2021 Path: X:\1803_01_00\Fig_2-4_Precision_Samples_Location.mxd

Notes:

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Previous Sample Locations	
Precision Engineering, Inc. Seattle, Washington	
	Figure 2-4

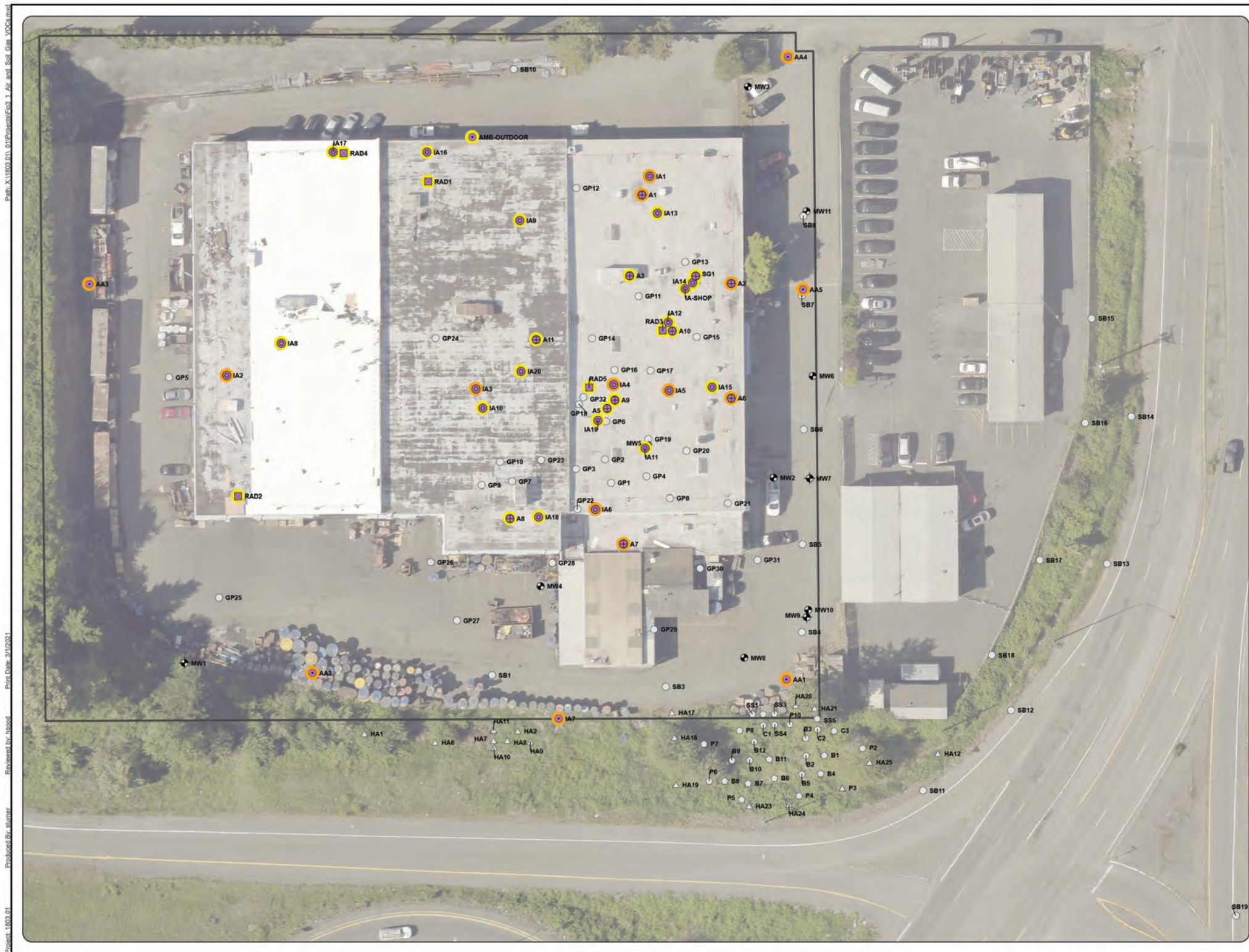
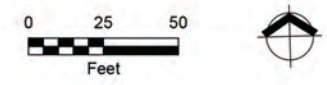


Figure 3-1
Air and Soil Gas
Volatile Organic Compounds
 Precision Engineering, Inc.
 Seattle, Washington

- Legend**
- Previous Sample Locations**
- Ambient Air
 - Boring
 - ⊕ Deep Monitoring Well
 - △ Hand Auger
 - Indoor Air
 - Passive Indoor Air
 - ⊕ Shallow Monitoring Well
 - ⊕ Sub-Slab Soil Gas
 - Surface Soil
- Sample Results**
- Detected Exceedance
 - Detected Non-Exceedance
 - Property Boundary

NOTES:
 This figure includes air and soil gas sample results for COIs included in the VOCs analyte group. Refer to Table 3-7 for a list of COIs included in the VOCs analyte group and their respective PCULs. Exceedances are relative to the PCULs for each COI included in the analyte group. Gray symbols represent locations that were not sampled. COI = chemical of interest. PCUL = preliminary cleanup level. VOC = volatile organic compounds.



Source:
 Aerial photograph obtained from King County (2019).



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 Project: 1803.01
 Produced by: atmore
 Print Date: 3/1/2021

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Air and Soil Gas Volatile Organic Compounds	
Precision Engineering, Inc. Seattle, Washington	
	Figure 3-1



Figure 3-2
Air and Soil Gas
Semivolatile Organic
Compounds (Other)
 Precision Engineering, Inc.
 Seattle, Washington

Legend

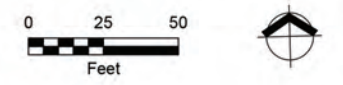
Previous Sample Locations

- Ambient Air
- Boring
- ⊕ Deep Monitoring Well
- △ Hand Auger
- ⊙ Indoor Air
- ⊞ Passive Indoor Air
- ⊕ Shallow Monitoring Well
- ⊕ Sub-Slab Soil Gas
- Surface Soil

Sample Results

- ND Exceedance
- Property Boundary

NOTES:
 This figure includes air and soil gas sample results for COIs included in the SVOCs-Other analyte group, including 1,2,4-trichlorobenzene; 1,2-, 1,3-, and 1,4-dichlorobenzene; and hexachlorobutadiene. Refer to Table 3-7 for PCULs for each COI.
 Exceedances are relative to the PCULs for each COI included in the analyte group.
 Gray symbols represent locations that were not sampled.
 COI = chemical of interest.
 ND = non-detect.
 PCUL = preliminary cleanup level.
 SVOC = semivolatile organic compounds.



Source:
 Aerial photograph obtained from King County (2019).

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Project: 1803_01 Produced by: atmore Produced by: atmore Print Date: 3/1/2021 Path: X:\1803_01\Project\Fig_2_Air_and_Soil_Gas_SVOCs.mxd

Notes:

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Air and Soil Gas Semivolatile Organic Compounds (Other)

Precision Engineering, Inc.
 Seattle, Washington

GEOENGINEERS

Figure 3-2



Figure 3-3
Soil
Volatile Organic Compounds
 Precision Engineering, Inc.
 Seattle, Washington

Legend

Previous Sample Locations

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- ⊙ Indoor Air
- ⊠ Passive Indoor Air
- Shallow Monitoring Well
- ⊕ Sub-Slab Soil Gas
- Surface Soil

Sample Results

Media

- Vadose
- Saturated Soil (<=20 ft-bgs)
- Saturated Soil (>20 ft-bgs)

Result

- Detected Exceedance
- Detected Non-Exceedance
- ND Exceedance
- Not Sampled

NOTES:
 This figure includes soil sample results for COIs included in the VOCs analyte group. Refer to Table 3-7 for a list of COIs included in the VOCs analyte group and their respective PCULs. Exceedances are relative to the PCULs for each COI included in the analyte group. Gray symbols represent locations that were not sampled. COI = chemical of interest. ft-bgs = feet below ground surface. ND = non-detect. PCUL = preliminary cleanup level. VOC = volatile organic compounds.

0 25 50
 Feet

Source:
 Aerial photograph obtained from King County (2019).

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Project: 1803.01 Produced By: atimor Produced By: jbood Print Date: 3/1/2021 Path: X:\1803.01\180306\Fig_3_Soil_VOCs.mxd

Notes:

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Soil	
Volatile Organic Compounds	
Precision Engineering, Inc. Seattle, Washington	
GEOENGINEERS	Figure 3-3



Figure 3-4
Soil 1,2,4-Trichlorobenzene
1,2-, 1,3-, and 1,4-Dichlorobenzene
Hexachlorobutadiene
 Precision Engineering, Inc.
 Seattle, Washington

Legend

Previous Sample Locations

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- ⊙ Indoor Air
- ⊠ Passive Indoor Air
- Shallow Monitoring Well
- ⊕ Sub-Slab Soil Gas
- Surface Soil

Sample Results

Media

- Vadose
- Saturated Soil (<=20 ft-bgs)
- Saturated Soil (>20 ft-bgs)

Result

- ND Exceedance
- ND Non-Exceedance
- Not Sampled

NOTES:
 This figure includes soil sample results for COIs included in the SVOCs-Other analyte group, including 1,2,4-trichlorobenzene; 1,2-, 1,3-, and 1,4-dichlorobenzene; and hexachlorobutadiene. Refer to Table 3-7 for PCULs for each COI.
 Exceedances are relative to the PCULs for each COI included in the analyte group.
 Gray symbols represent locations that were not sampled.
 COI = chemical of interest.
 ft bgs = feet below ground surface.
 ND = non-detect.
 PCUL = preliminary cleanup level.
 SVOC = semivolatile organic compounds.

0 25 50
 Feet

Source:
 Aerial photograph obtained from King County (2019).

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Soil 1,2,4-Trichlorobenzene 1,2-, 1,3-, and 1,4-Dichlorobenzene Hexachlorobutadiene

Precision Engineering, Inc.
 Seattle, Washington

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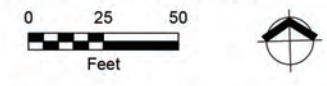
Figure 3-4



Figure 3-5
Soil—Semivolatile Organic
Compounds (PAHs)
 Precision Engineering, Inc.
 Seattle, Washington

- Legend**
- Previous Sample Locations**
- Ambient Air
 - Boring
 - ◆ Deep Monitoring Well
 - ▲ Hand Auger
 - ⊙ Indoor Air
 - ⊠ Passive Indoor Air
 - Shallow Monitoring Well
 - ⊕ Sub-Slab Soil Gas
 - ◆ Surface Soil
- Sample Results**
- Media**
- Vadose
 - Saturated Soil (<=20 ft-bgs)
 - Saturated Soil (>20 ft-bgs)
- Result**
- Detected Exceedance
 - Detected Non-Exceedance
 - ND Exceedance
 - ND Non-Exceedance
 - Not Sampled

NOTES:
 This figure includes soil sample results for COIs included in the SVOCs-PAHs analyte group. Refer to Table 3-7 for a list of COIs included in the SVOCs-PAHs analyte group and their respective PCULs. Exceedances are relative to the PCULs for each COI included in the analyte group. Gray symbols represent locations that were not sampled. COI = chemical of interest. ft-bgs = feet below ground surface. ND = non-detect. PAH = polycyclic aromatic hydrocarbons. PCUL = preliminary cleanup level. SVOC = semivolatile organic compounds.



Source:
 Aerial photograph obtained from King County (2019).



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Project: 1803.01 Produced By: amr Date: 11/20/21 File: X:\1803.01\02\mwf\Fig3_5_Sol_SOC_PAHs.mxd

Notes:

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Soil—Semivolatile Organic Compounds (PAHs)	
Precision Engineering, Inc. Seattle, Washington	
	Figure 3-5



**Figure 3-6
Soil—Metals**
Precision Engineering, Inc.
Seattle, Washington

Legend

Previous Sample Locations

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- ⊙ Indoor Air
- ⊠ Passive Indoor Air
- Shallow Monitoring Well
- ⊕ Sub-Slab Soil Gas
- Surface Soil

Sample Results

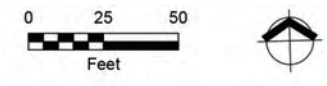
Media

- Vadose
- Saturated Soil (<=20 ft-bgs)
- Saturated Soil (>20 ft-bgs)

Result

- Detected Exceedance
- Detected Non-Exceedance
- Not Sampled

NOTES:
This figure includes soil sample results for COIs included in the metals analyte group, including arsenic, cadmium, chromium (hexavalent, trivalent, and total), copper, lead, mercury, nickel, selenium, thallium, and zinc. Refer to Table 3-7 for PCULs for each COI. Exceedances are relative to the PCULs for each COI included in the analyte group. Gray symbols represent locations that were not sampled. COI = chemical of interest. ft-bgs = feet below ground surface. PCUL = preliminary cleanup level.



Source:
Aerial photograph obtained from King County (2019).



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Soil—Metals	
Precision Engineering, Inc. Seattle, Washington	
	Figure 3-6



Figure 3-7
Soil
Petroleum Hydrocarbons
 Precision Engineering, Inc.
 Seattle, Washington

Legend

Previous Sample Locations

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- ⊙ Indoor Air
- ⊠ Passive Indoor Air
- Shallow Monitoring Well
- ⊕ Sub-Slab Soil Gas
- Surface Soil

Sample Results

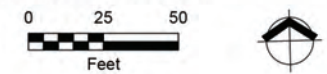
Media

- Vadose
- Saturated Soil (<=20 ft-bgs)
- Saturated Soil (>20 ft-bgs)

Result

- Detected Exceedance
- Detected Non-Exceedance
- ND Non-Exceedance
- Not Sampled

NOTES:
 This figure includes soil sample results for COIs included in the petroleum hydrocarbons analyte group, including C16-C21 and C21-34 aliphatic and aromatic hydrocarbons, and gasoline-, diesel-, and oil-range hydrocarbons. Refer to Table 3-7 for PCULs for each COI. Exceedances are relative to the PCULs for each COI included in the analyte group. Gray symbols represent locations that were not sampled. COI = chemical of interest. ft-bgs = feet below ground surface. ND = non-detect. PCUL = preliminary cleanup level.



Source:
 Aerial photograph obtained from King County (2019).

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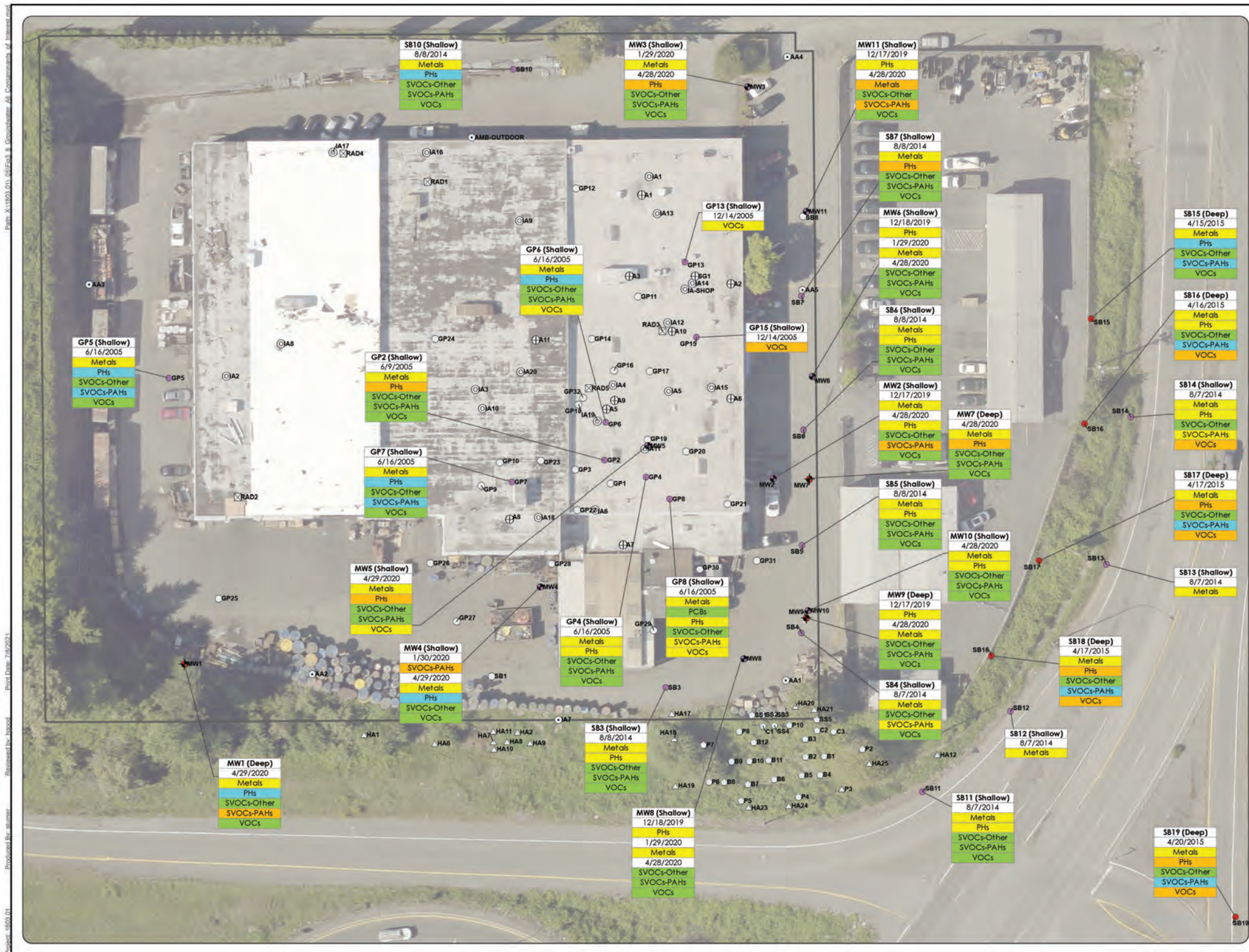
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Soil	
Petroleum Hydrocarbons	
Precision Engineering, Inc. Seattle, Washington	
	Figure 3-7

**Figure 3-8
Groundwater—All
Chemicals of Interest
Precision Engineering, Inc.
Seattle, Washington**



- Legend**
- Groundwater Samples**
- Shallow Boring
 - Shallow Monitoring Well
 - Deep Boring
 - Deep Monitoring Well
- Not Sampled**
- Ambient Air
 - Boring
 - ⊕ Deep Monitoring Well
 - ⊕ Hand Auger
 - ⊕ Indoor Air
 - ⊕ Passive Indoor
 - ⊕ Shallow Monitoring Well
 - ⊕ Sub-Slab Soil Gas
 - ⊕ Surface Soil

NOTES:
 Detections and PCUL exceedances are identified for each analyte group as follows based on the maximum results for all COIs:

- Detected Exceedance
- Detected Non-Exceedance
- ND Exceedance
- ND Non-Exceedance

This figure includes groundwater sample results for the subset of analytes selected as COIs from each analyte group (rather than the full suite of analytes). Refer to Table 3-7 for a list of COIs included in each analyte group and their respective PCULs. This figure presents exceedance data from the last four groundwater sampling events (July 2019 through April 2020) at monitoring wells that were sampled. Polychlorinated biphenyls are not included in this figure due to the limited number of sample results, but are discussed in the text. Exceedances are relative to the PCULs for each COI included in the analyte group. Deep = groundwater from the deep water-bearing zone. Shallow = groundwater from the shallow water-bearing zone. Gray symbols represent locations that were not sampled. COI = chemical of interest. ND = non-detect. PAH = polycyclic aromatic hydrocarbon. PCUL = preliminary cleanup level. PH = petroleum hydrocarbons. SVOCs = semivolatile organic compounds. VOCs = volatile organic compounds.

0 25 50
Feet

Source:
Aerial photograph obtained from King County (2019).

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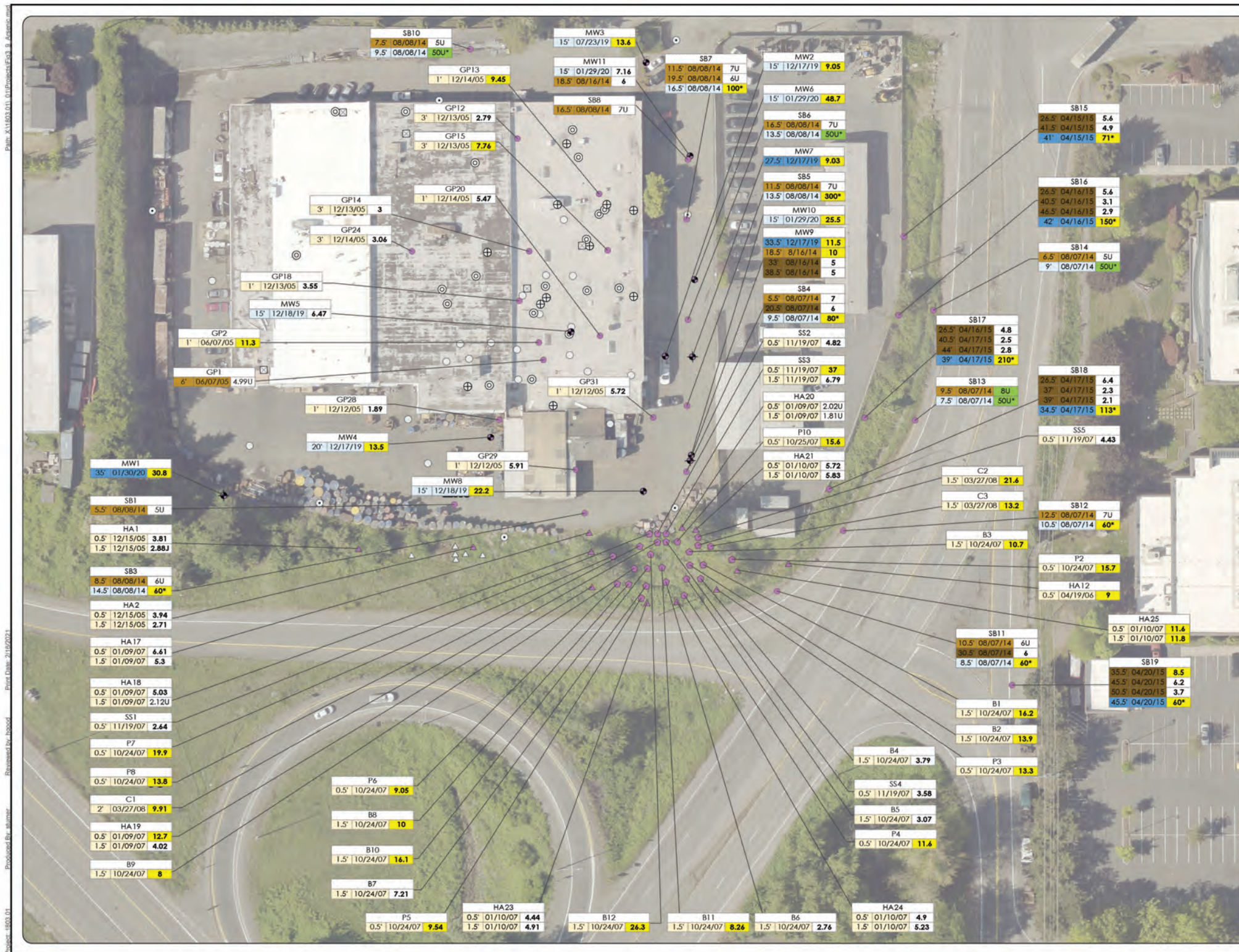
Groundwater—All Chemicals of Interest

Precision Engineering, Inc.
Seattle, Washington

GEOENGINEERS

Figure 3-8

**Figure 3-9
Soil and Groundwater Arsenic**
Precision Engineering, Inc.
Seattle, Washington



Legend

Previous Sample Locations

- Boring
- ⬇ Deep Monitoring Well
- ▲ Hand Auger
- Shallow Monitoring Well
- Surface Soil

Not Sampled

- Ambient Air
- Boring
- △ Hand Auger
- ⊙ Indoor Air
- ⊠ Passive Indoor Air
- ⊕ Sub-Slab Soil Gas

Results

Sample depth (ft bgs)	Location ID	Sample Date	Result and qualifier
Medium			
			Units PCUL
			Vadose Soil
			Saturated Soil (<=20 ft bgs) mg/kg 7.3
			Saturated Soil (>20 ft bgs)
			Shallow GW ug/L 8
			Deep GW

 Defected PCUL Exceedance
 ND PCUL Exceedance
 Not Sampled

NOTES:
 This figure includes arsenic results for all media and locations sampled.
 Groundwater results from monitoring wells are the maximum detected concentration from the last four monitoring events (2019-2020).
 Groundwater results are provided in ug/L.
 Soil results are provided in mg/kg.
 Deep = groundwater from the deep water-bearing zone.
 Shallow = groundwater from the shallow water-bearing zone.
 Gray symbols represent locations that were not sampled.
 ft-bgs = feet below ground surface.
 GW = groundwater.
 mg/kg = milligrams per kilogram.
 ND = non-detect.
 PCUL = preliminary cleanup level.
 U = result is non-detect to method detection limit or method reporting limit.
 ug/L = micrograms per liter.
 *Indicates total fraction groundwater results. All other groundwater results are dissolved fractions.

0 30 60
Feet

Source:
Aerial photograph obtained from King County (2019).

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

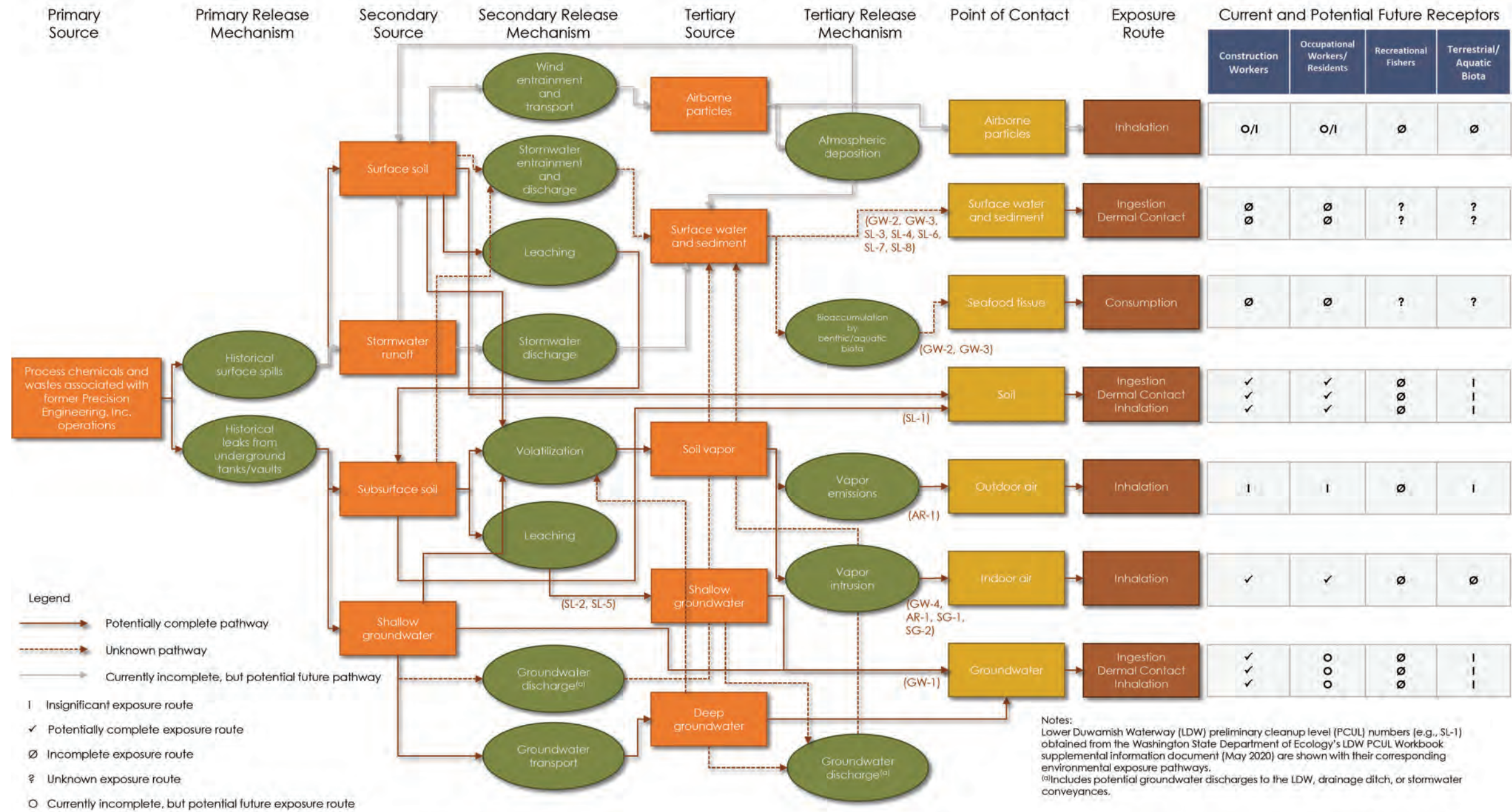
Soil and Groundwater Arsenic

Precision Engineering, Inc.
Seattle, Washington

GEOENGINEERS

Figure 3-9

Figure 4-1
Preliminary Conceptual Site Model
 Precision Engineering, Inc.
 Dick Morgan
 Seattle, Washington



Notes:

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

Preliminary Conceptual Site Model	
Precision Engineering, Inc. Seattle, Washington	
GEOENGINEERS	Figure 4-1

**Figure 7-2A
COPC PCUL Exceedances
Chromium (West)**

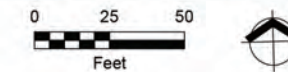
Precision Engineering, Inc.
Seattle, Washington

Legend

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- Indoor Air
- Passive Indoor Air
- Shallow Monitoring Well
- Sub-Slab Soil Gas
- Surface Soil
- Property Boundary
- Not Sampled
- PCUL Exceedance

Medium	Units	PCUL		
		Hex.	Tot.	Tri.
Vadose Soil		18	550	
Saturated Soil (<=20 ft bgs)	mg/kg	0,93	260	27
Saturated Soil (>20 ft bgs)				
Shallow GW	ug/L	48	100	27
Deep GW				

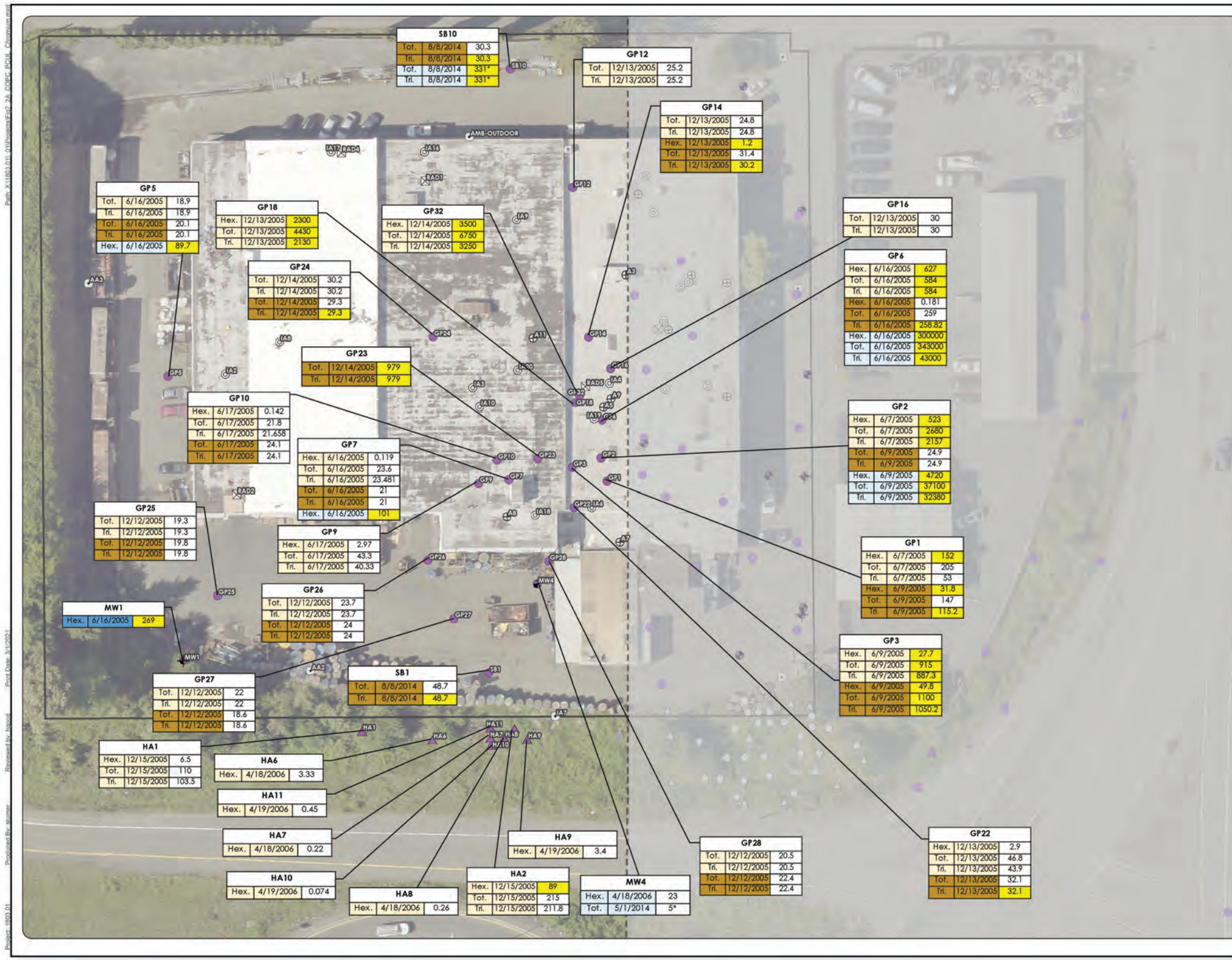
NOTES:
This figure includes detected results for all media sampled for preliminary COPCs included in the chromium COPC group, which includes hexavalent, trivalent, and total chromium.
Groundwater results from monitoring wells are the maximum detected concentrations from all monitoring events.
Groundwater results are provided in ug/L.
Soil results are provided in mg/kg.
COPC = chemical of potential concern.
ft bgs = feet below ground surface.
GW = groundwater.
Hex. = hexavalent chromium.
mg/kg = milligrams per kilogram.
PCUL = preliminary cleanup level.
Tot. = total chromium.
Tri. = trivalent chromium.
ug/L = micrograms per liter.
*Indicates total fraction groundwater results.
All other groundwater results are dissolved fractions.



Source:
Aerial photograph obtained from King County (2019).



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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

**COPC PCUL Exceedances
Chromium (West)**

Precision Engineering, Inc.
Seattle, Washington



Figure 7-2A

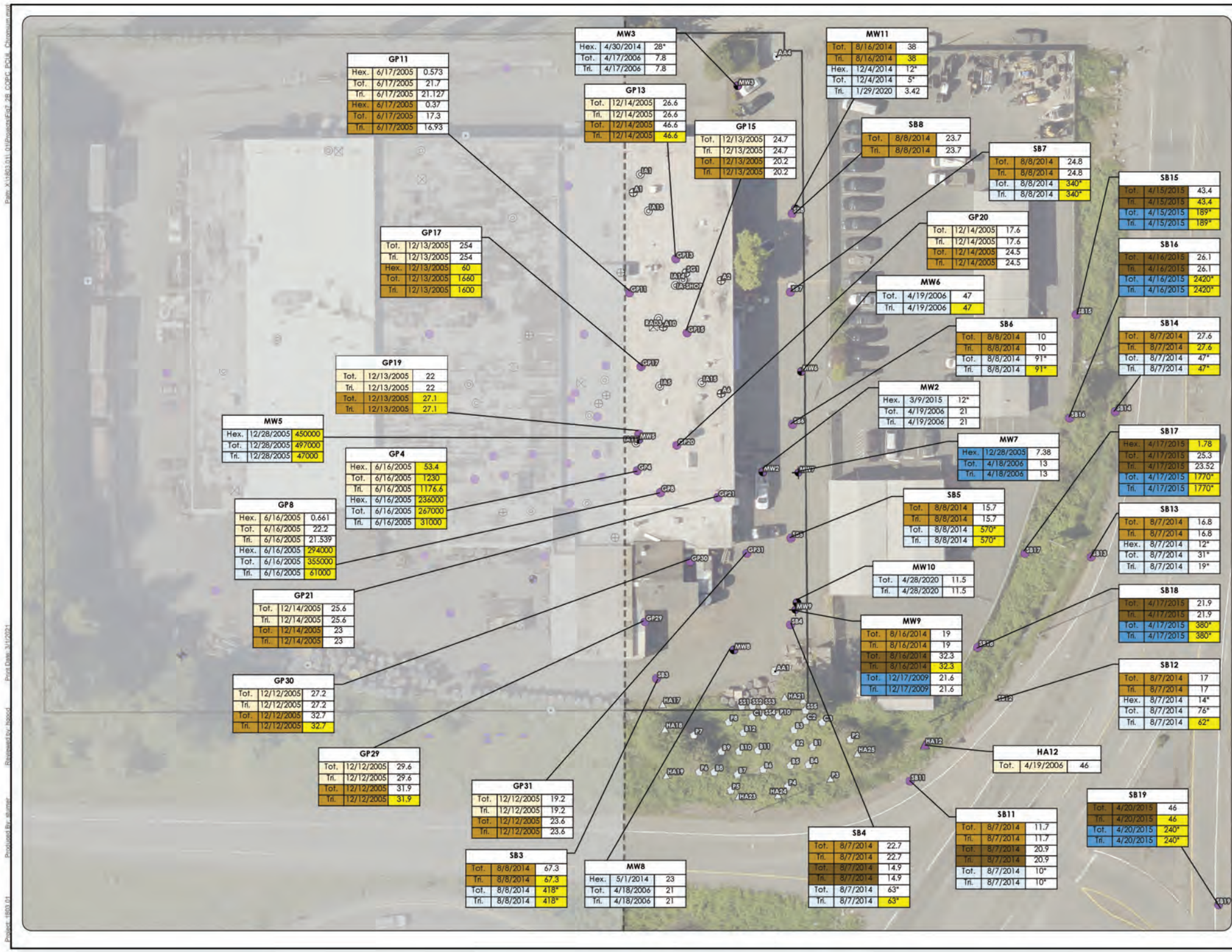


Figure 7-2B
COPC PCUL Exceedances
Chromium (East)
 Precision Engineering, Inc.
 Seattle, Washington

Legend

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- Indoor Air
- Passive Indoor Air
- Shallow Monitoring Well
- Sub-Slab Soil Gas
- Surface Soil
- Property Boundary
- Not Sampled
- PCUL Exceedance

Medium	Units	PCUL	
		Hex.	Tr.
Vadose Soil		18	550
Saturated Soil (<=20 ft bgs)	mg/kg	0.93	260
Saturated Soil (>20 ft bgs)			27
Shallow GW	ug/L	48	100
Deep GW			27

NOTES:
 This figure includes detected results for all media sampled for preliminary COPCs included in the chromium COPC group, which includes hexavalent, trivalent, and total chromium.
 Groundwater results from monitoring wells are the maximum detected concentrations from all monitoring events.
 Groundwater results are provided in ug/L.
 Soil results are provided in mg/kg.
 COPC = chemical of potential concern.
 ft-bgs = feet below ground surface.
 GW = groundwater.
 Hex. = hexavalent chromium.
 mg/kg = milligrams per kilogram.
 PCUL = preliminary cleanup level.
 Tot. = total chromium.
 Tr. = trivalent chromium.
 ug/L = micrograms per liter.
 *Indicates total fraction groundwater results.
 All other groundwater results are dissolved fractions.

0 25 50
 Feet

Source:
 Aerial photograph obtained from King County (2019).

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

COPC PCUL Exceedances
Chromium (East)

Precision Engineering, Inc.
 Seattle, Washington


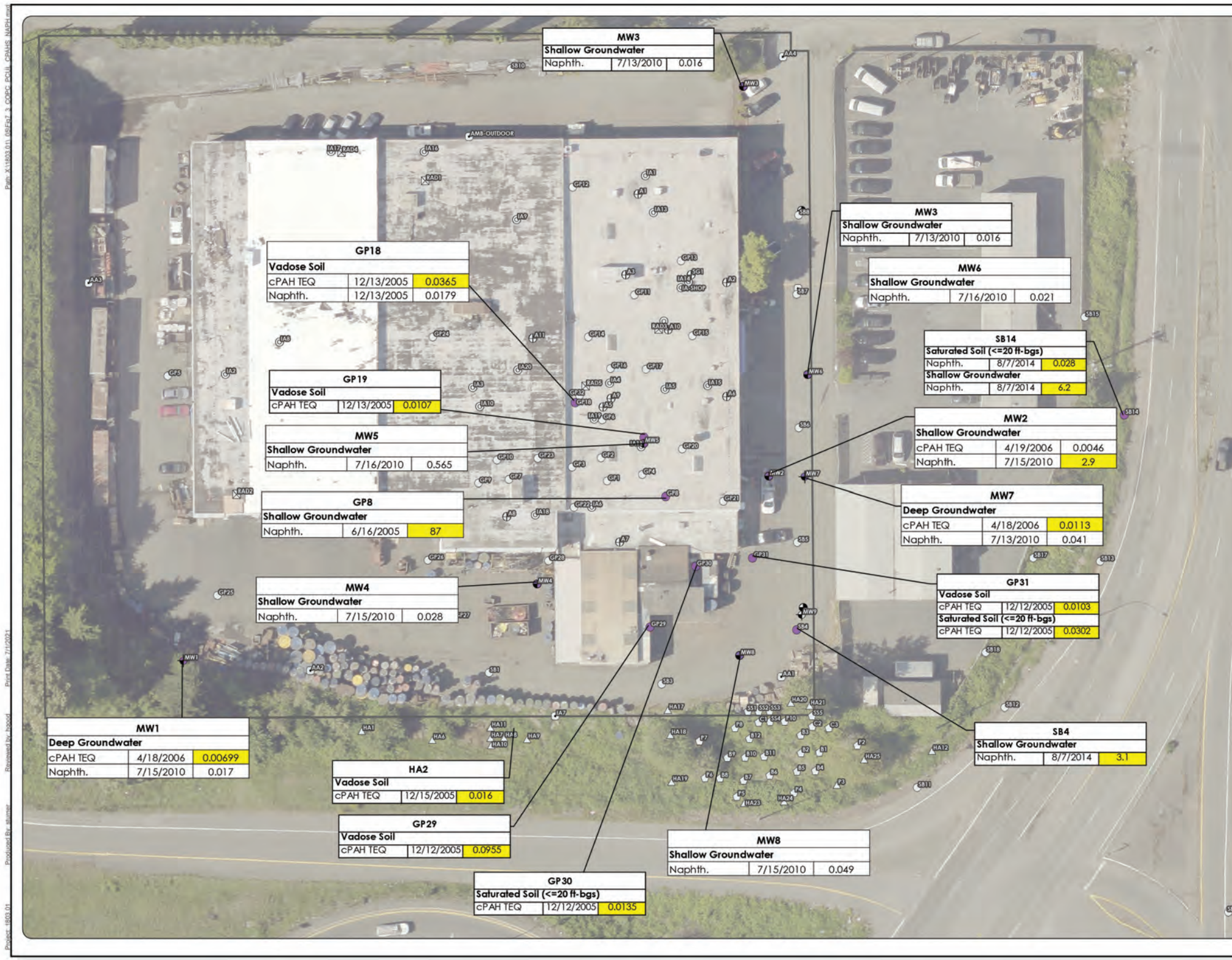
GEOENGINEERS  **Figure 7-2B**

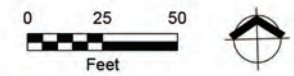
Figure 7-3
COPC PCUL Exceedances -
cPAHs and Naphthalene
 Precision Engineering, Inc.
 Seattle, Washington



- Legend**
- Ambient Air
 - Boring
 - ◆ Deep Monitoring Well
 - ▲ Hand Auger
 - Indoor Air
 - Passive Indoor Air
 - Shallow Monitoring Well
 - Sub-Slab Soil Gas
 - Surface Soil
 - Property Boundary
 - Not Sampled
 - PCUL Exceedance

PCUL			
Medium	Units	cPAH TEQ	Naphth.
Vadose Soil	mg/kg	3.10E-04	3.89E-02
Saturated Soil (<=20 ft bgs)	mg/kg	1.60E-05	2.10E-03
Shallow Groundwater	ug/L	4.90E-03	1.40E+00
Deep Groundwater	ug/L	4.90E-03	1.40E+00

NOTES:
 Groundwater results from monitoring wells are the maximum detected concentrations from all monitoring events.
 Groundwater results are provided in ug/L. Soil results are provided in mg/kg.
 This figure includes detected results for all media sampled for preliminary COPCs included in the cPAHs and naphthalenes COPC group, which includes cPAH TEQ, naphthalene, and total naphthalenes.
 cPAH TEQ = carcinogenic polycyclic aromatic hydrocarbon toxic equivalency quotient.
 COPC = chemical of potential concern.
 ft-bgs = feet below ground surface.
 mg/kg = milligrams per kilogram.
 Naphth. = naphthalene.
 PCUL = preliminary cleanup level.
 ug/L = micrograms per liter.



Source:
 Aerial photograph obtained from King County (2019).



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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

COPC PCUL Exceedances -
cPAHs and Naphthalene

Precision Engineering, Inc.
 Seattle, Washington

Figure 7-3

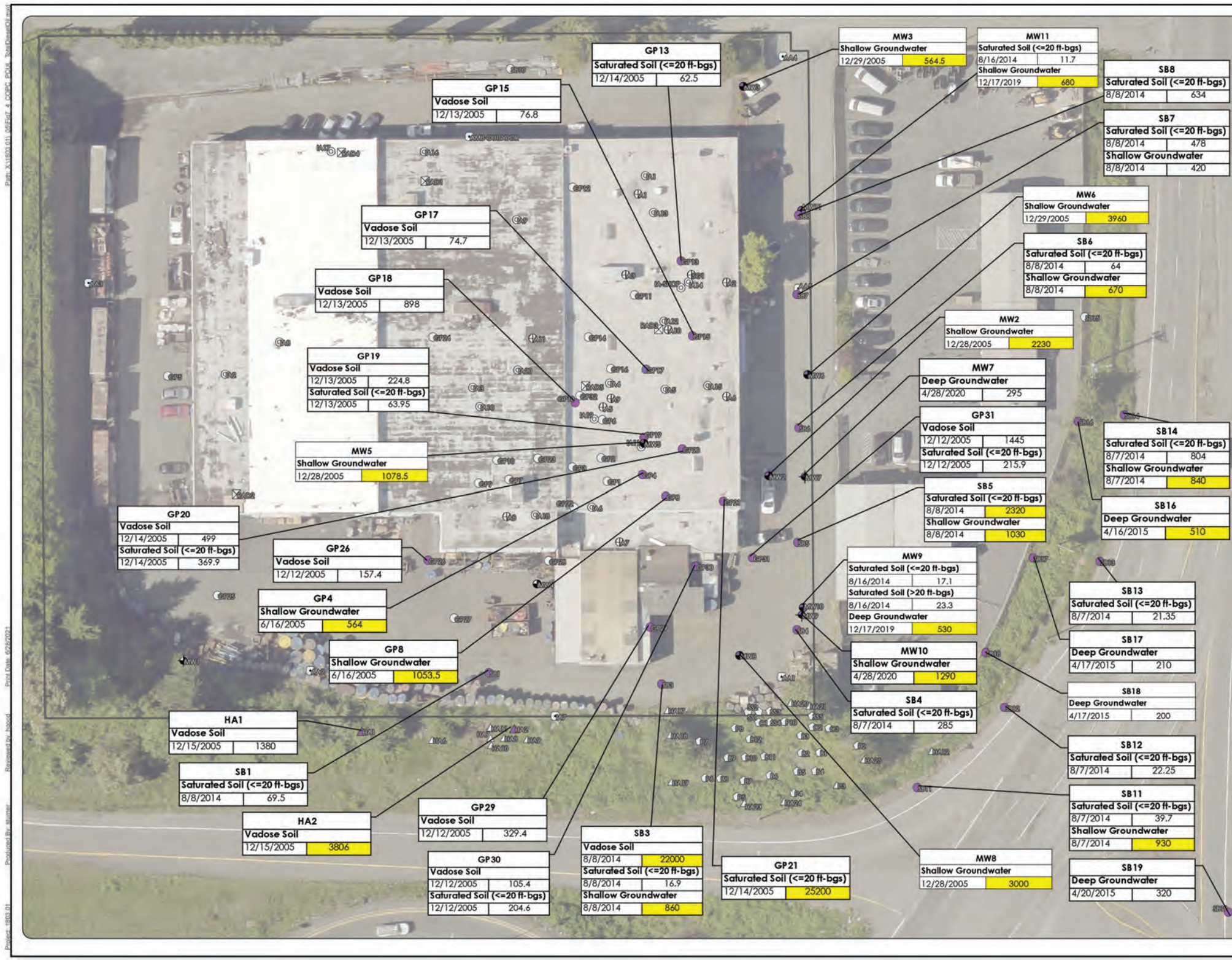


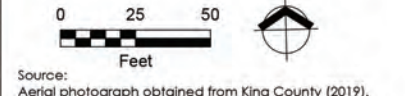
Figure 7-4
COPC PCUL Exceedances -
Total Diesel + Oil
 Precision Engineering, Inc.
 Seattle, Washington

Legend

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- Indoor Air
- Passive Indoor Air
- Shallow Monitoring Well
- Sub-Slab Soil Gas
- Surface Soil
- Property Boundary
- PCUL Exceedance
- Not Sampled

PCUL		
Medium	Units	Total Diesel+Oil
Vadose Soil		
Saturated Soil (<=20 ft bgs)	mg/kg	2000
Saturated Soil (>20 ft bgs)		
Shallow Groundwater	ug/L	500
Deep Groundwater		

NOTES:
 This figure includes detected results for all media sampled for the preliminary COPC, diesel + oil. Diesel + oil is included in the heavy oils COPC group, which also includes diesel- and oil-range hydrocarbons.
 Groundwater results from monitoring wells are the maximum detected concentrations from all monitoring events.
 Groundwater results are provided in ug/L. Soil results are provided in mg/kg.
 COPC = chemical of potential concern.
 ft-bgs = feet below ground surface.
 mg/kg = milligrams per kilogram.
 PCUL = preliminary cleanup level.
 ug/L = micrograms per liter.



Source:
 Aerial photograph obtained from King County (2019).

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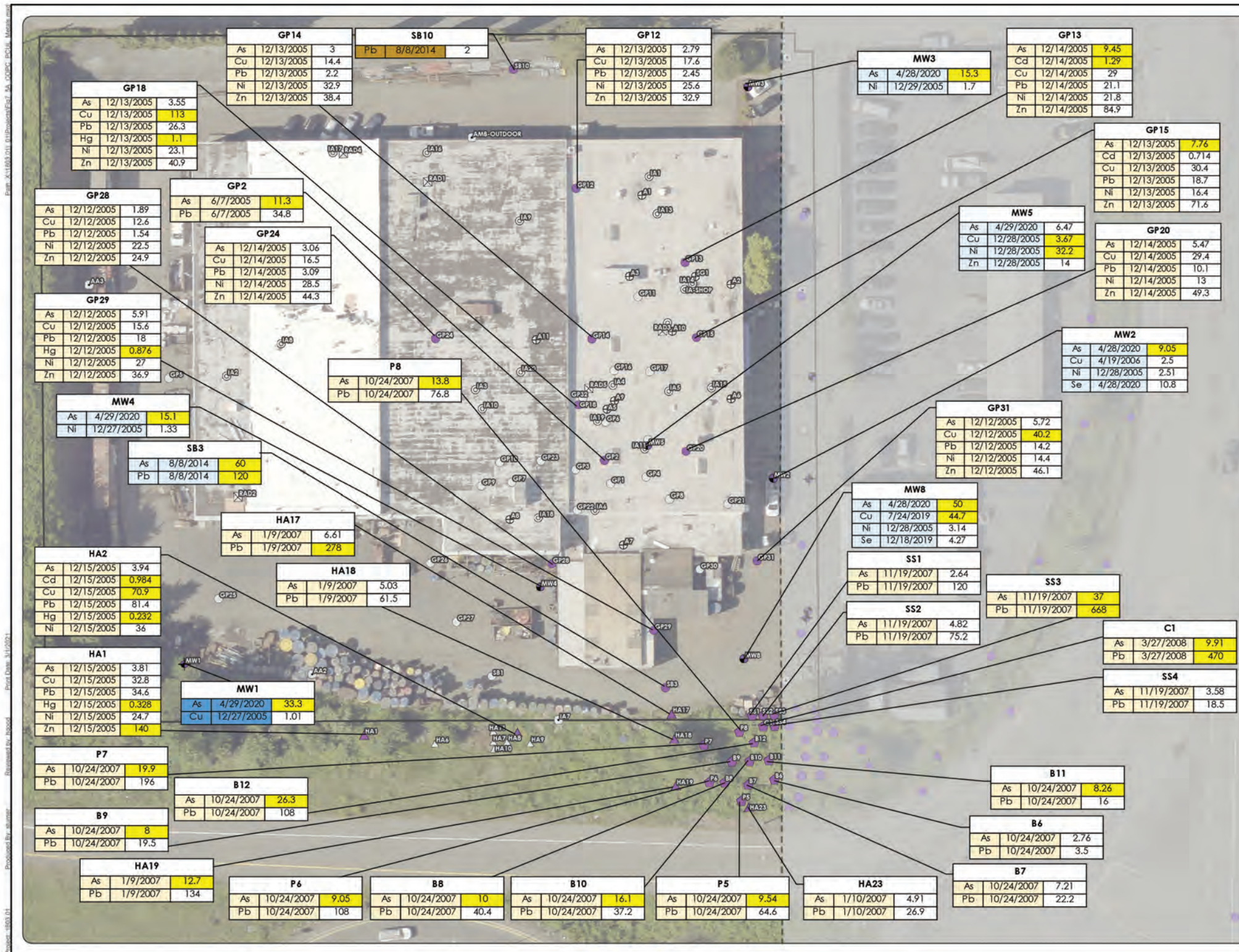
Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

COPC PCUL Exceedances -
Total Diesel + Oil

Precision Engineering, Inc.
 Seattle, Washington

Figure 7-4

**Figure 7-5A
COPC PCUL Exceedances -
Metals (West)**
Precision Engineering, Inc.
Seattle, Washington



- Legend**
- Ambient Air
 - Boring
 - ◆ Deep Monitoring Well
 - ▲ Hand Auger
 - Indoor Air
 - Passive Indoor Air
 - Shallow Monitoring Well
 - Sub-Slab Soil Gas
 - Surface Soil
 - Property Boundary
 - Not Sampled
 - PCUL Exceedance

Medium	Units	PCUL											
		As	Cd	Cu	Pb	Hg	Ni	Se	Zn				
Vadose Soil					250								
Soil (0-20 ft bgs)	mg/kg	7.30	0.77	36	81	0.070	38	0.26	85				
Shallow Groundwater	ug/L	8.0	1.2	3.1	8.1	0.025	8.2	50	81				
Deep Groundwater	ug/L												

NOTES:
This figure includes detected results for all media sampled for preliminary COPCs included in the metals COPC group, which includes arsenic, cadmium, copper, lead, mercury, nickel, selenium, and zinc.
Groundwater results from monitoring wells are the maximum detected concentrations from all monitoring events.
Groundwater results are provided in ug/L.
Soil results are provided in mg/kg.
As = arsenic.
Cd = cadmium.
COPC = chemical of potential concern.
Cu = copper.
ft-bgs = feet below ground surface.
Hg = mercury.
mg/kg = milligrams per kilogram.
Ni = nickel.
Pb = lead.
PCUL = preliminary cleanup level.
Sat. = saturated.
Se = selenium.
ug/L = micrograms per liter.
Zn = zinc.

0 25 50
Feet

Source:
Aerial photograph obtained from King County (2019).

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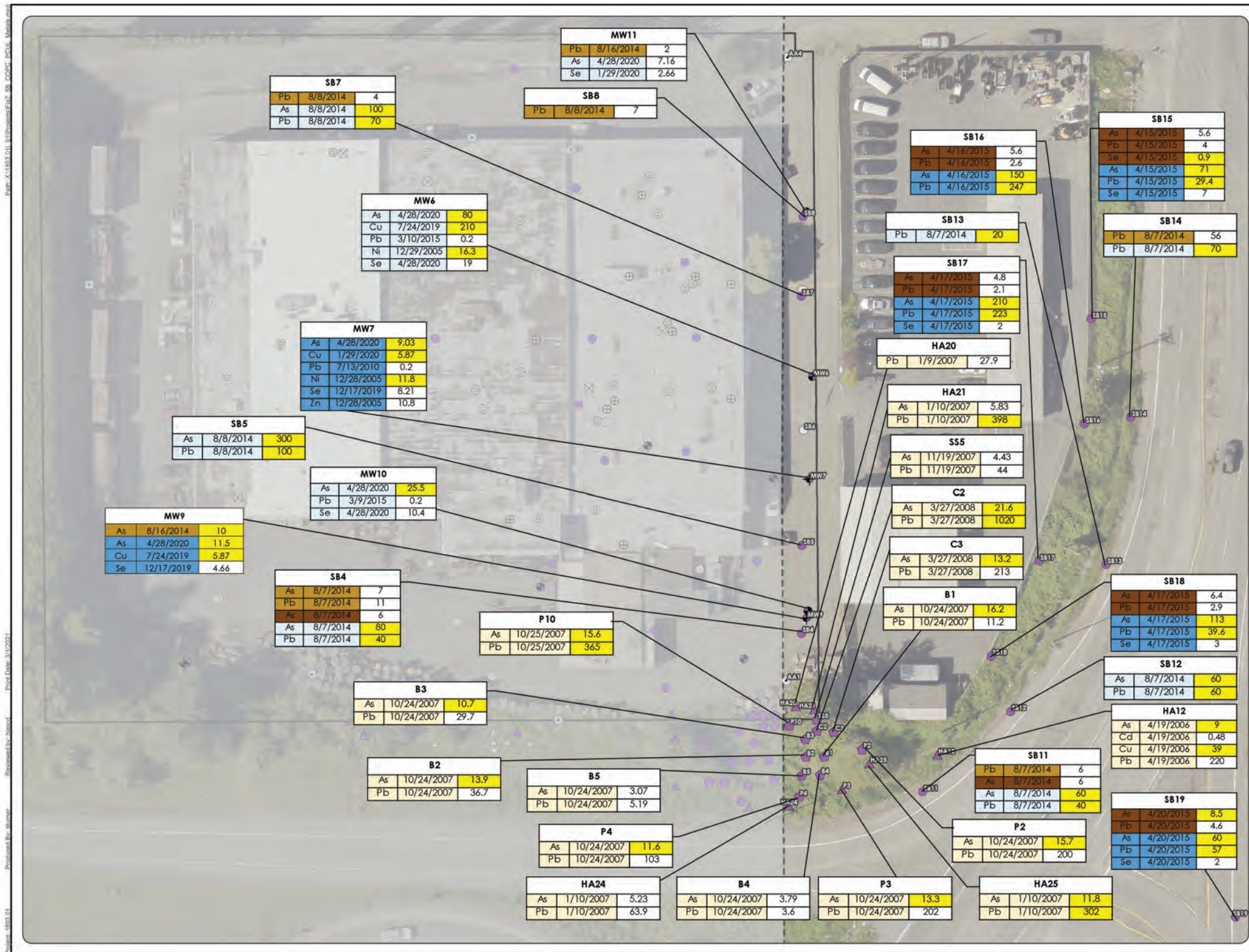
Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

**COPC PCUL Exceedances -
Metals (West)**

Precision Engineering, Inc.
Seattle, Washington

GEOENGINEERS

Figure 7-5A



**Figure 7-5B
COPC PCUL Exceedances -
Metals (East)**

Precision Engineering, Inc.
Seattle, Washington

- Legend**
- Ambient Air
 - Boring
 - ◆ Deep Monitoring Well
 - ▲ Hand Auger
 - Indoor Air
 - Passive Indoor Air
 - Shallow Monitoring Well
 - Sub-Slab Soil Gas
 - Surface Soil
 - Property Boundary
 - Not Sampled
 - PCUL Exceedance

Medium	Units	PCUL								
		As	Cd	Cu	Pb	Hg	Ni	Se	Zn	
Vadose Soil										
Soil (0-20 ft bgs)	mg/kg	7.30	0.77	36	250	81	0.070	38	0.26	100
Soil (20-60 ft bgs)										
Shallow Groundwater	ug/L	8.0	1.2	3.1	8.1	0.025	8.2	50	81	

NOTES:
This figure includes detected results for all media sampled for preliminary COPCs included in the metals COPC group, which includes arsenic, cadmium, copper, lead, mercury, nickel, selenium, and zinc.
Groundwater results from monitoring wells are the maximum detected concentrations from all monitoring events.
Groundwater results are provided in ug/L. Soil results are provided in mg/kg.
As = arsenic.
Cd = cadmium.
COPC = chemical of potential concern.
Cu = copper.
ft bgs = feet below ground surface.
Hg = mercury.
mg/kg = milligrams per kilogram.
Ni = nickel.
Pb = lead.
PCUL = preliminary cleanup level.
Sat. = saturated.
Se = selenium.
ug/L = micrograms per liter.
Zn = zinc.

0 25 50
Feet

Source:
Aerial photograph obtained from King County (2019).

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

**COPC PCUL Exceedances -
Metals (East)**

Precision Engineering, Inc.
Seattle, Washington

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Figure 7-5B

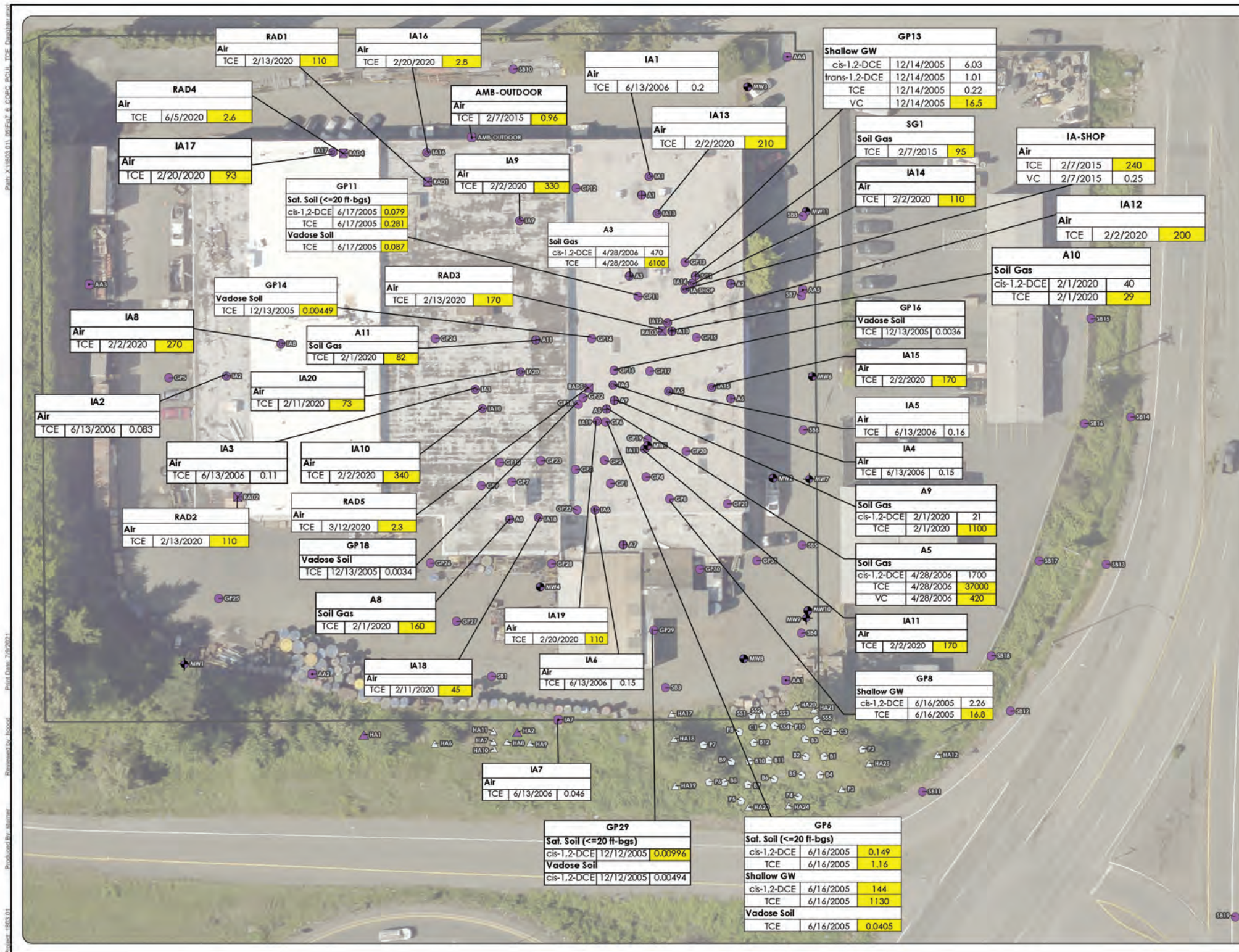


Figure 7-6
COPC PCUL Exceedances -
TCE and Daughter Products
 Precision Engineering, Inc.
 Seattle, Washington

Legend

- Ambient Air
- Boring
- ◆ Deep Monitoring Well
- ▲ Hand Auger
- Indoor Air
- Passive Indoor Air
- Shallow Monitoring Well
- Sub-Slab Soil Gas
- Surface Soil
- Property Boundary
- Not Sampled
- PCUL Exceedance

PCUL Medium	Units	PCUL			
		cis-1,2-DCE	trans-1,2-DCE	TCE	VC
Air				0.33	0.28
Soil Gas	ug/m ³	NV	NV	11	9.4
Vadose Soil		0.078	0.52	0.0044	0.0010
Sat. Soil (<=20 ft bgs)	mg/kg	0.005	0.032	0.00027	0.00055
Sat. Soil (>20 ft bgs)					
Shallow Groundwater	ug/l	16	100	0.70	0.18
Deep Groundwater					

NOTES:
 This figure includes detected results for all media sampled for preliminary COPCs included in the TCE and daughter products COPC group, which includes TCE, cis- and trans-1,2-dichloroethene, and vinyl chloride.
 Light gray symbols indicate locations not sampled for TCE and daughter products. Purple symbols with no call-out box were sampled, but did not have detections.
 Groundwater results from monitoring wells are the maximum detected concentrations from all monitoring events.
 Groundwater results are provided in ug/L.
 Soil results are provided in mg/kg.
 Air and soil gas results are provided in ug/m³.
 cis-1,2-DCE = cis-1,2-dichloroethene.
 COPC = chemical of potential concern.
 ft bgs = feet below ground surface.
 mg/kg = milligrams per kilogram.
 NV = no value.
 PCUL = preliminary cleanup level.
 Sat. = saturated.
 TCE = trichloroethene.
 trans-1,2-DCE = trans-1,2-dichloroethene.
 ug/L = micrograms per liter.
 ug/m³ = micrograms per cubic meter.
 VC = vinyl chloride.

0 25 50
 Feet

Source:
 Aerial photograph obtained from King County (2019).

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Data Source: Maul Foster Alongi Draft RI Work Plan, 2021

COPC PCUL Exceedances - TCE and Degradation Products

Precision Engineering, Inc.
 Seattle, Washington

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Figure 7-6

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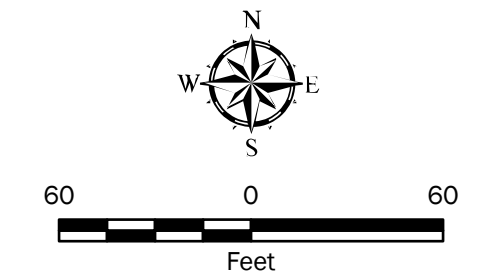
Legend

- Ⓜ Manhole
- ▼ Outfall
- GP Boring 2005
- SB Boring 2014/2015
- ▲ Hand Auger
- Shallow Monitoring Well
- Deep Monitoring Well
- - - Former Sanitary Sewer
- - - Property Parcel
- ||||| Drainage Ditch
- Sanitary Sewer (SPU)
- ▨ Historical Trench Drain
- Catch Basin
- Stormwater Piping
- ||||| Stormwater Runoff
- Chromic Acid Plating Tank
- Other Tanks Containing Chromic Acid
- Trichloroethene Tank
- ▨ Former Sanitary Sewer Drain
- ▨ Other Historical Features

A: Hydraulic Cylinder Test Vault
 B: Former Deep Sump
 C: Steam Clean Pit
 D: Former Waste Oil Tank
 E: Compressor Condensate Tank
 F: Covered Dumpster Area (former steam-cleaning area)

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication. Data Source: 2019 image from King County GIS. Site features from Figure 2-4 Previous Sample Locations, July 9, 2021, Maul Foster Alongi. Projection: NAD 1983 HARN StatePlane Washington North FIPS 4601 Feet



**Soil Sampling Locations –
Chromium, TCE, and TPH (and other COIs)**

Precision Engineering, Inc.
Seattle, Washington

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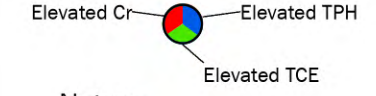
Figure 9-1

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Legend

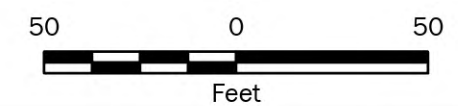
- Manhole
- Outfall
- GP Boring 2005
- SB Boring 2014/2015
- Hand Auger
- Shallow Monitoring Well
- Deep Monitoring Well
- Former Sanitary Sewer
- Property Parcel
- Drainage Ditch
- Sanitary Sewer (SPU)
- Historical Trench Drain
- Catch Basin
- Stormwater Piping
- Stormwater Runoff
- Chromic Acid Plating Tank
- Trichloroethene Tank
- Former Sanitary Sewer Drain
- Other Historical Features:
 - A: Hydraulic Cylinder Test Vault
 - B: Former Deep Sump
 - C: Steam Clean Pit
 - D: Former Waste Oil Tank
 - E: Compressor Condensate Tank
 - F: Covered Dumpster Area (former steam-cleaning area)



Notes:

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- Data Source: 2019 image from King County GIS.
 Site features from Figure 2-4 Previous Sample Locations, July 9, 2021, Maul Foster Alongi.

Projection: NAD 1983 HARN StatePlane Washington North FIPS 4601 Feet

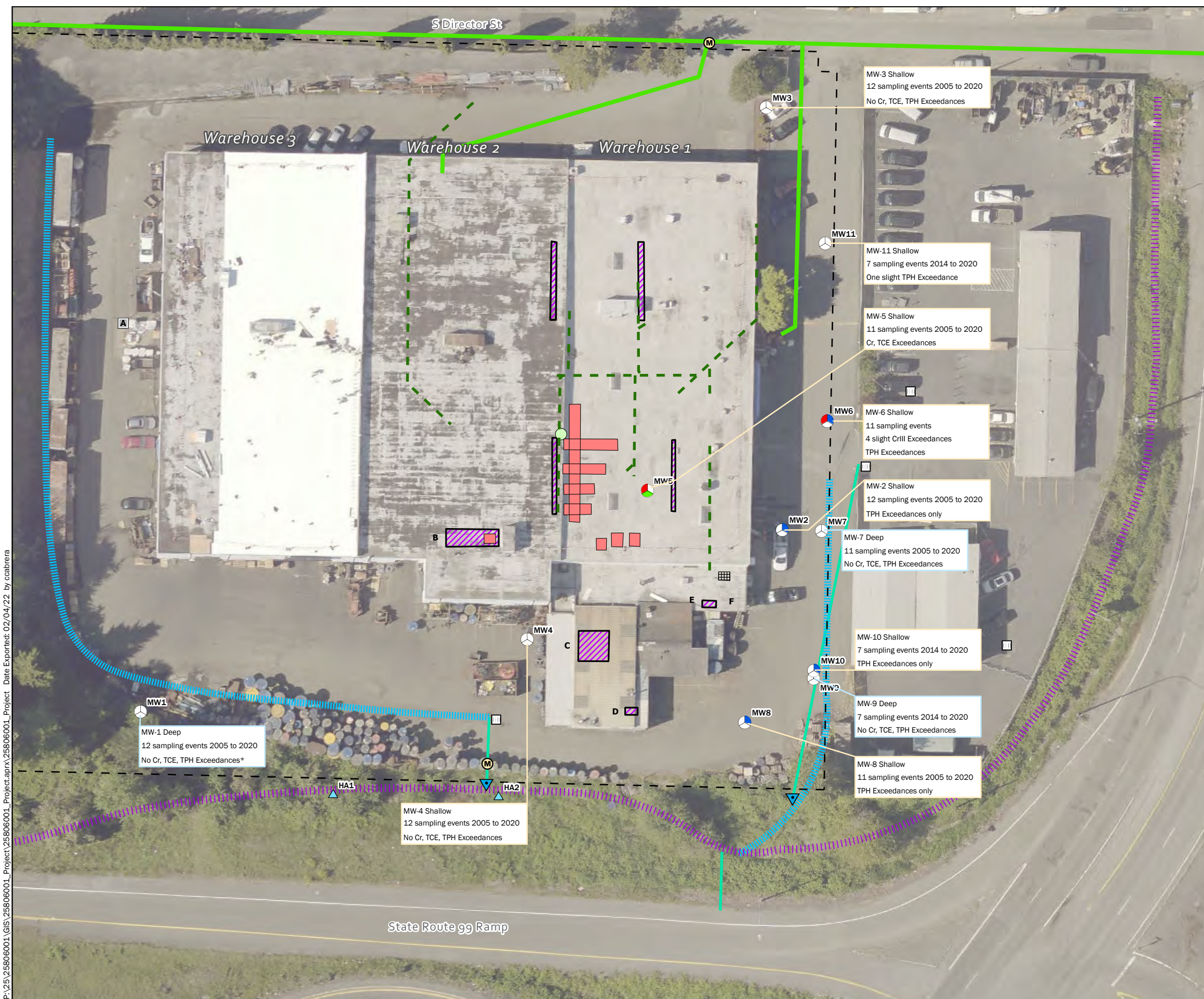


Summary of Chromium, TCE, and TPH in Soil

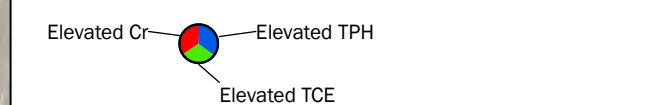
Precision Engineering, Inc.
Seattle, Washington



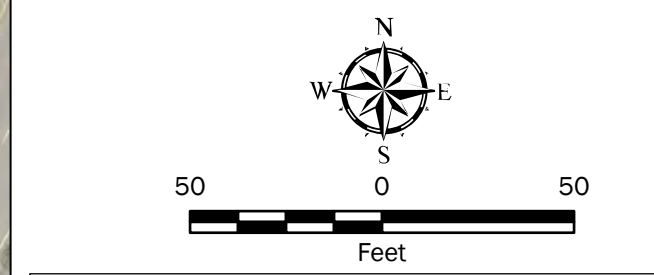
Figure 9-2



- Legend**
- Ⓜ Manhole
 - ▼ Outfall
 - ▲ Hand Auger
 - - - Former Sanitary Sewer
 - ▭ Property Parcel
 - ||||| Drainage Ditch
 - Sanitary Sewer (SPU)
 - ▨ Historical Trench Drain
 - Catch Basin
 - Stormwater Piping
 - ||||| Stormwater Runoff
 - Chromic Acid Plating Tank
 - Trichloroethene Tank
 - ▨ Former Sanitary Sewer Drain
 - ▨ Other Historical Features:
 - A: Hydraulic Cylinder Test Vault
 - B: Former Deep Sump
 - C: Steam Clean Pit
 - D: Former Waste Oil Tank
 - E: Compressor Condensate Tank
 - F: Covered Dumpster Area (former steam-cleaning area)



Notes:
 * See report text regarding CrVI
 1. The locations of all features shown are approximate.
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 Data Source: 2019 image from King County GIS.
 Site features from Figure 2-4 Previous Sample Locations, July 9, 2021, Maul Foster Alongi.
 Projection: NAD 1983 HARN StatePlane Washington North FIPS 4601 Feet



Summary of Chromium, TCE, and TPH in GW

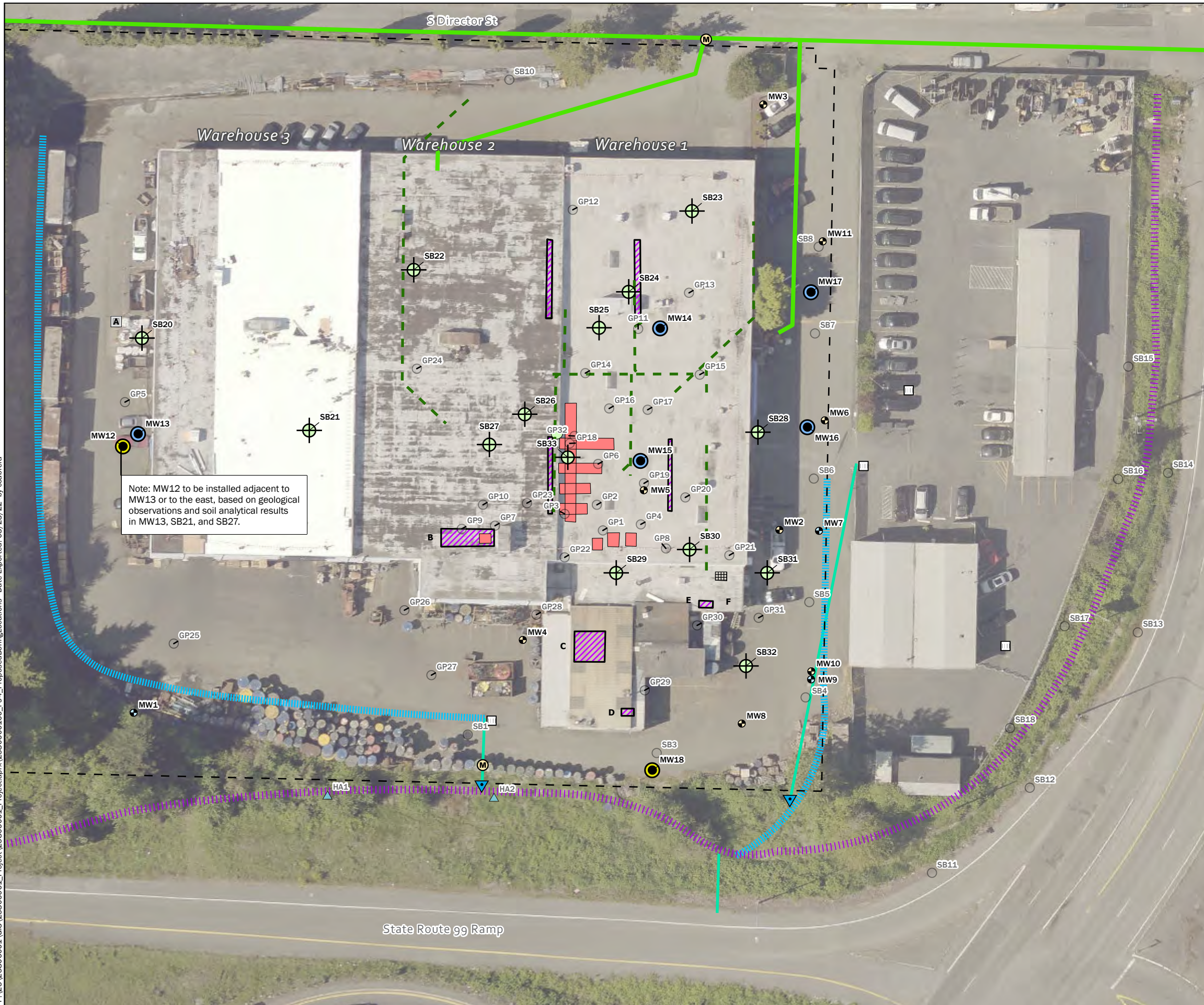
Precision Engineering, Inc.
Seattle, Washington

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Figure 9-3

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P:\25806001\GIS\25806001_Project\aprx\25806001_F94_ProposedBoringLocations Date Exported: 03/23/22 by ccabrera



Note: MW12 to be installed adjacent to MW13 or to the east, based on geological observations and soil analytical results in MW13, SB21, and SB27.

Legend

- Ⓜ Manhole
- ▼ Outfall
- GP Boring 2005
- SB Boring 2014/2015
- ▲ Hand Auger
- Shallow Monitoring Well
- Deep Monitoring Well
- ⊕ Proposed Soil Boring
- ⊕ Proposed Deep Monitoring Well
- ⊕ Proposed Shallow Monitoring Well
- - - Former Sanitary Sewer
- - - Property Parcel
- ||||| Drainage Ditch
- Sanitary Sewer (SPU)
- ▨ Historical Trench Drain
- Catch Basin
- Stormwater Piping
- ||||| Stormwater Runoff
- Chromic Acid Plating Tank
- Trichloroethene Tank
- ▨ Former Sanitary Sewer Drain
- ▨ Other Historical Features:
 - A: Hydraulic Cylinder Test Vault
 - B: Former Deep Sump
 - C: Steam Clean Pit
 - D: Former Waste Oil Tank
 - E: Compressor Condensate Tank
 - F: Covered Dumpster Area (former steam-cleaning area)

Notes:

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Data Source: 2019 image from King County GIS.
 Site features from Figure 2-4 Previous Sample Locations, July 9, 2021, Maul Foster Alongi.
 Projection: NAD 1983 HARN StatePlane Washington North FIPS 4601 Feet

50 0 50
Feet

Proposed Sampling Locations

Precision Engineering, Inc.
Seattle, Washington

Figure 9-4