Location Depths (ft) Sample Date Sample ID Validation Level		SED-DA-BG-007 0-0.5 ft 7/30/2013 SED-DA-BG-007(0.0-0.5) Tier II	SED-DA-BG-008 0-0.5 ft 7/31/2013 SED-DA-BG-008(0.0-0.5) Tier II	SED-DA-BG-009 0-0.5 ft 7/31/2013 SED-DA-BG-009(0.0-0.5) Tier II	SED-DA-BG-009 0-0.5 ft 7/31/2013 SED-DA-DUP-03-073113FD Tier II	SED-DA-BG-010 0-0.5 ft 7/31/2013 SED-DA-BG-010(0.0-0.5) Tier II	SED-DA-BG-011 0-0.5 ft 7/31/2013 SED-DA-BG-011(0.0-0.5) Tier II	SED-DA-BG-012 0-0.5 ft 8/15/2013 SED-DA-BG-012(0.0-0.5) Tier II
Chemical	**Units**							
Grain Size								
Sieve 3 inch, % passing	% passing	100	100	100	NA	100	100	100
Sieve 1.5 inch, % passing	% passing	100	100	100	NA	100	100	100
Sieve 0.75 inch, % passing	% passing	100	100	100	NA	100	100	100
Sieve, 4750 micron, % passing	% passing	100	100	100	NA	100	100	100
Sieve, 3350 micron, % passing	% passing	100	99.7	100	NA	99.7	100	100
Sieve, 2360 micron, % passing	% passing	100	99.4	99.8	NA	99.2	99.9	100
Sieve, 1180 micron, % passing	% passing	96.8	98.0	99.5	NA	99.0	99.6	99.9
Sieve, 600 micron, % passing	% passing	89.8	92.5	99.3	NA	98.9	99.2	99.1
Sieve, 300 micron, % passing	% passing	86.7	87.1	98.7	NA	98.8	98.7	97.4
Sieve, 150 micron, % passing	% passing	84.4	83.2	97.7	NA	98.4	92.9	93.6
Sieve, 75 micron, % passing	% passing	82.1	80.4	92.7	NA	97.6	71.4	88.1
Sieve, 64 micron, % passing	% passing	79.0	77.0	85.0	NA	88.0	69.0	85.0
Sieve, 50 micron, % passing	% passing	70.0	68.0	67.0	NA	69.5	67.0	80.0
Sieve, 20 micron, % passing	% passing	49.5	49.0	36.0	NA	32.5	56.0	66.0
Sieve, 5 micron, % passing	% passing	17.0	27.0	16.0	NA	17.0	32.0	28.0
Sieve, 2 micron, % passing	% passing	9.0	19.0	9.5	NA	12.0	18.0	13.0
Sieve, 1 micron, % passing	% passing	4.0	15.0	3.5	NA	8.0	5.0	4.0
Metals								
Arsenic	mg/kg	6.98	5.17	3.60	2.73 J	4.64	3.91	7.18 J
Barium	mg/kg	139	174	90.8	75.9	157	143	113
Cadmium	mg/kg	0.479 J	0.339 J	0.250 J	0.133 J	0.662 J	0.389 J	0.375 J
Chromium	mg/kg	25.3 J	33.8 J	18.0 J	15.0 J	103 J	38.0 J	38.5 J
Lead	mg/kg	34.2	35.8	18.0	13.5	55.5	31.8	31.2
Mercury	mg/kg	0.0663 J	0.0933 J	0.0551 J	0.0430 J	0.204	0.154 J	0.172 J
Nickel	mg/kg	26.1	33.9	17.8	13.5	66.2	23.9	41.4
Selenium	mg/kg	< 4.41 U	< 3.95 U	< 3.59 U	< 2.84 U	< 3.04 U	< 3.37 U	< 4.19 U
Silver	mg/kg	< 1.10 U	< 0.986 U	< 0.898 U	< 0.710 U	0.961	0.679 J	1.33
Vanadium	mg/kg	40.0	46.2 J	23.4 J	19.6 J	31.4 J	26.5 J	19.0
Other								
Black Carbon	%	< 0.19 UJ	0.22 J	< 0.17 UJ	< 0.19 UJ	< 0.2 UJ	< 0.18 UJ	< 0.2 U
Percent Moisture	%	55.1	50.3	44.3	31.6	35.4	41.8	52.7
Total Organic Carbon	%	3.18	4.18	1.86	1.92	2.10	2.37	3.94
Priority PAHs								
1-Methylnaphthalene	ug/kg	4.12	4.62	2.61	2.62	5.55	5.54	6.92
2-Methylnaphthalene	ug/kg	9.72	12.7	6.89	6.82	15.1	13.8	19.1
Acenaphthene	ug/kg	3.229	2.27	1.55	1.61	2.49	2.58	3.84
Acenaphthylene	ug/kg	19.2	5.09	2.88	3.18	6.13	7.54	12.0
Anthracene	ug/kg	30.3	10.7 J	6.99	7.32	13.8	15.5	24.7
Benzo(a)Anthracene	ug/kg	49.0	12.7	9.46	10.2	26.6	32.9	49.6
Benzo(a)Pyrene	ug/kg	35.8	10.9	5.27	6.84	32.7	44.2	57.9
Benzo(b)Fluoranthene	ug/kg	101	44.2	21.3	26.3	94.5	138	169
Benzo(g,h,i)Perylene	ug/kg	31.8	15.1	5.84	7.14	30.1	42.3	74.2
Benzo(j)+(k)Fluoranthene	ug/kg	37.2	14.3	4.78	6.08	31.1	30.8	40.9
Chrysene/Triphenylene	ug/kg	64.0	28.1	16.7	17.6	58.6	78.9	109
Dibenz(a,h)Anthracene	ug/kg	9.5	5.99	2.40	2.89	8.96	10.9	2.04
Fluoranthene	ug/kg	88.1	46.7	28.8	28.5	103	152	200
Fluorene	ug/kg	21.3	20.2	10.3	10.2	18.5	20.1	19.5
Indeno[1,2,3-cd]pyrene	ug/kg	31.5	12.0	5.20	6.43	27.4	41.0	6.46
Naphthalene	ug/kg	10.5	10.4	6.10	6.08	10.7	10.9	15.3
Phenanthrene	ug/kg	56.3	51.7	29.8	33.7	77.9	106	63.0
Pyrene	ug/kg	77.0	30.3	24.5	24.9	64.0	81.7	192

Location		SED-DA-BG-007	SED-DA-BG-008	SED-DA-BG-009	SED-DA-BG-009	SED-DA-BG-010	SED-DA-BG-011	SED-DA-BG-012
Depths (ft)		0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date		7/30/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	8/15/2013
Sample ID		SED-DA-BG-007(0.0-0.5)	SED-DA-BG-008(0.0-0.5)	SED-DA-BG-009(0.0-0.5)	SED-DA-DUP-03-073113FD	SED-DA-BG-010(0.0-0.5)	SED-DA-BG-011(0.0-0.5)	SED-DA-BG-012(0.0-0.5)
Validation Level		Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**							
Forensic PAHs								
Benzo(e)Pyrene	ug/kg	51.7	19.3	9.60	11.8	51.8	70.4	78.6
C1-Chrysenes	ug/kg	35.7	37.6	27.1	24.2	45.3	50.8	147
C1-Fluoranthenes/Pyrenes	ug/kg	50.6	31.3	19.0	18.8	67.9	63.9	175
C1-Fluorenes	ug/kg	8.14	10.7	5.51	6.04	14.1	14.4	24.2
C1-Phenanthrenes/Anthracenes	ug/kg	27.7	23.1	17.0	17.6	46.0	57.3	77.3
C2-Chrysenes	ug/kg	19.7	18.5	10.5	9.20	33.9	29.7	80.9
C2-Fluorenes	ug/kg	21.4	30.8	13.6	16.7	31.5	34.7	69.3
C2-Naphthalenes	ug/kg	17.0	< 0.7 U	9.95	10.7	25.3	23.8	47.9
C2-Phenanthrenes/Anthracenes	ug/kg	33.5	27.6	21.0	23.8	73.9	82.7	154
C3-Chrysenes	ug/kg	11.4	16.8	7.09	5.24	22.4	17.4	43.6
C3-Fluorenes	ug/kg	< 0.4 U	31.6	14.6	10.9	57.4	52.8	161
C3-Naphthalenes	ug/kg	40.6	< 0.7 U	16.2	18.2	27.9	28.0	58.4
C3-Phenanthrenes/Anthracenes	ug/kg	32.8	26.4	22.6	22.8	103	93.6	270
C4-Chrysenes	ug/kg	8.45	15.7	< 0.2 U	< 0.2 U	12.5	< 0.2 U	20.5
C4-Naphthalenes	ug/kg	23.0	< 0.7 U	11.5	13.3	35.3	41.8	88.8
C4-Phenanthrenes/Anthracenes	ug/kg	25.3	25.5	22.7 J	< 0.3 UJ	89.4	< 0.3 U	310
Perylene	ug/kg	621 EJ	753	292	316	256	54.8	298
Phenanthrene, 2-methyl-	ug/kg	6.67 J	9.26	4.51 J	4.76 J	16.0 J	18.8 J	31.2
1,1-Biphenyl	ug/kg	4.16	4.47	2.88	2.76	7.55	7.38	7.68
18a-Oleanane	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
1-Methyldibenzothiophene(1MDT)	ug/kg	0.826	0.952	0.487	0.413	4.05	8.07	7.84
1-Methylfluorene	ug/kg	4.72	4.71	2.37	2.31	7.39	8.19	8.79
1-Methylphenanthrene	ug/kg	4.80	3.55	3.34	3.39	7.08	10.2	19.9
2,3,5-Trimethylnaphthalene	ug/kg	3.38	2.08	1.71	1.57	4.46	4.17	5.18
2/3-Methyldibenzothiophene(2MDT)	ug/kg	1.61	2.87	1.41	1.29	8.40	11.4	14.3
2-Methylanthracene	ug/kg	7.31	5.87	4.26	4.26	6.01	6.02	14.7
2-Methylfluoranthene	ug/kg	9.66	4.49	2.64	2.79	6.61	8.37	15.9
3,6-Dimethylphenanthrene	ug/kg	1.83	2.62	1.38	1.62	5.98	8.94	23.8
3-Methylphenanthrene (3MP)	ug/kg	7.39	6.95	4.54	4.95	13.5	18.1	28.8
4-Methyldibenzothiophene(4MDT)	ug/kg	2.39	3.49	1.63	1.73	11.7	24.1	19.6
9/4-Methylphenanthrene (9MP)	ug/kg	6.01	6.60	3.13	3.09	10.8	13.4	23.9
Benzo(a)Fluoranthene	ug/kg	14.1	7.33	5.04	5.17	9.30	11.3	16.9
Benzo(b)fluorene	ug/kg	14.1	9.36	5.39	5.59	13.9	14.8	37.1
Benzothiophene	ug/kg	0.67	0.696	0.455	0.542	1.65	1.65	0.848
C1-Benzo(b)thiophenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C1-Decalins	ug/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
C1-Dibenzothiophenes	ug/kg	3.8	6.42	2.78	2.71	19.0	34.4	32.8
C1-Naphthalenes	ug/kg	8.8	10.4	6.03	5.99	13.1	12.3	17.7
C1-Naphthobenzothiophenes	ug/kg	14.1	15.5	8.66	9.11	45.8	50.6	72.8
C20-TAS	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C21-TAS	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C26(20R)/C27(20S)-TAS	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C26(20S)-TAS	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C27(20R)-TAS	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C28(20R)-TAS	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C28(20S)-TAS	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C29-Hopane	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C2-Benzo(b)thiophenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C2-Decalins	ug/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
C2-Dibenzothiophenes	ug/kg	6.64	13.7	5.23	5.43	40.6	50.6	105
C2-Fluoranthenes/Pyrenes	ug/kg	53.1	36.5	26.7	25.0	98.6	116	216

	Location	SED-DA-BG-007	SED-DA-BG-008	SED-DA-BG-009	SED-DA-BG-009	SED-DA-BG-010	SED-DA-BG-011	SED-DA-BG-012
	Depths (ft)	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
	Sample Date	7/30/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	8/15/2013
	Sample ID	SED-DA-BG-007(0.0-0.5)	SED-DA-BG-008(0.0-0.5)	SED-DA-BG-009(0.0-0.5)	SED-DA-DUP-03-073113FD	SED-DA-BG-010(0.0-0.5)	SED-DA-BG-011(0.0-0.5)	SED-DA-BG-012(0.0-0.5)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**							
C2-Naphthobenzothiophenes	ug/kg	16.1	26.1	11.0	10.4	65.6	62.2	110
C30-Hopane	ug/kg	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
C3-Benzo(b)thiophenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C3-Decalins	ug/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
C3-Dibenzothiophenes	ug/kg	8.65	16.9	7.29	7.59	74.8	68.6	223
C3-Fluoranthenes/Pyrenes	ug/kg	24.5	23.3	10.8	9.08	34.5	37.5	81.7
C3-Naphthobenzothiophenes	ug/kg	14.3	25.8	12.5	15.3	63.1	39.1	87.5
C4-Benzo(b)thiophenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C4-Decalins	ug/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
C4-Dibenzothiophenes	ug/kg	11.4	17.8	7.24	8.49	78.3	60.8	226
C4-Fluoranthenes/Pyrenes	ug/kg	23.7	30.0	15.5	16.9	35.0	36.1	88.7
C4-Naphthobenzothiophenes	ug/kg	7.97	12.9	6.62	6.40	30.3	18.8	54.7
Carbazole	ug/kg	6.75	5.82	3.46	3.43	5.14	7.27	7.70
cis/trans-Decalin (Decahydronaphthalene)	ug/kg	14.5	10.4	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Dibenzofuran	ug/kg	11.7	11.4	5.76	6.07	10.6	13.3	9.44
Dibenzothiophene	ug/kg	5.4	8.29	2.81	2.86	11.4	17.9	15.3
Naphthalene, 2,6-dimethyl-	ug/kg	8.55	13.1	5.35	5.72	16.1	13.3	28.7
Naphthobenzothiophene	ug/kg	18.6	11.1	8.06	9.05	24.5	32.1	40.6
Retene	ug/kg	9.98	11.1	< 0.2 U	< 0.2 U	15.3	< 0.2 U	319
TPH								
EOM (Extracted Organic Material)	mg/kg	1660	2311	799	837	1813	1930	2630
i-C15	mg/kg	0.017	0.019	0.010 J	0.011 J	0.029	0.022	0.021
i-C16	mg/kg	0.044	0.071	0.007 J	0.046 J	0.024	0.010	0.120
i-C18	mg/kg	0.030	0.035	0.013	0.020	0.085	0.078	0.158
n-C10 (n-Decane)	mg/kg	< 0.021 U	0.024	0.009 J	0.011 J	0.025	0.021 J	0.018 J
n-C11 (n-Undecane)	mg/kg	0.017	0.033	0.016 J	0.016 J	0.030	0.027	0.018
n-C12 (n-Dodecane)	mg/kg	0.087	0.058	0.052	0.056	0.077	0.110	0.027
n-C13 (n-Tridecane)	mg/kg	0.043 J	0.057	0.018 J	0.020 J	0.050	0.054	0.012 J
n-C14 (n-Tetradecane)	mg/kg	0.094	0.111	0.037	0.036	0.069	0.073	0.033
n-C15 (Pentadecane)	mg/kg	0.262	0.448	0.109	0.112	0.178	0.212	0.079
n-C16 (n-Hexadecane)	mg/kg	0.206	0.223	0.085	0.090	0.159	0.205	0.035
n-C17 (Heptadecane)	mg/kg	0.630	0.859	0.226	0.221	0.330	0.512	0.195
n-C18 (Octadecane)	mg/kg	0.710	0.821	0.347	0.340	0.511	0.623	0.506
n-C19 (Nonadecane)	mg/kg	0.900	1.18	0.349	0.389	0.465	0.358	0.304
n-C20 (Eicosane)	mg/kg	0.280	0.382	0.099	0.098	0.111	0.113	0.100
n-C21 (Heneicosane)	mg/kg	2.501	1.95	1.071	0.805	0.770	0.878	0.729
n-C22 (Docosane)	mg/kg	0.242	0.283	0.103	0.095	0.109	0.144	0.098
n-C23 (Tricosane)	mg/kg	1.492	1.97	0.833	0.744	0.360	0.419	1.103
n-C24 (Tetracosane)	mg/kg	0.428	0.517	0.318	0.310	0.157	0.202	1.023
n-C25 (Pentacosane)	mg/kg	1.453	2.51	0.831	0.750	0.721	0.692	0.628
n-C26 (Hexacosane)	mg/kg	0.421	0.629	0.186	0.173	0.192	0.236	0.234
n-C27 (Heptacosane)	mg/kg	2.912	4.45	1.597	1.477	1.512	1.725	2.103
n-C28 (Octacosane)	mg/kg	0.862	1.16	0.314	0.419	0.558	0.619	0.562
n-C29 (Nonacosane)	mg/kg	4.426	4.93	2.964	2.959	3.522	1.556	6.049
n-C30 (n-Triacontane)	mg/kg	0.444	0.578	0.355	0.363	0.403	0.474	0.330
n-C31 (Hentriacontane)	mg/kg	3.698	3.99	2.019	1.783	3.137	1.687	4.927
n-C32 (Dotriacontane)	mg/kg	0.360	0.563	0.176	0.222	0.291	0.388	0.355
n-C33	mg/kg	1.833	2.82	1.177	1.092	1.991	1.817	3.471
n-C34 (Tetratriacontane)	mg/kg	0.079	0.207	0.112	0.072	0.074	0.226	0.496
n-C35	mg/kg	1.116	2.19	1.062	0.999	1.737	1.801	1.427
n-C36 (Hexatriacontane)	mg/kg	0.125	0.191	0.148	0.103	0.209	0.382	0.319
n-C37	mg/kg	1.011	2.14	0.889	0.820	0.974	1.553	0.771

Location		SED-DA-BG-007	SED-DA-BG-008	SED-DA-BG-009	SED-DA-BG-009	SED-DA-BG-010	SED-DA-BG-011	SED-DA-BG-012
Depths (ft)		0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date		7/30/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	8/15/2013
Sample ID		SED-DA-BG-007(0.0-0.5)	SED-DA-BG-008(0.0-0.5)	SED-DA-BG-009(0.0-0.5)	SED-DA-DUP-03-073113FD	SED-DA-BG-010(0.0-0.5)	SED-DA-BG-011(0.0-0.5)	SED-DA-BG-012(0.0-0.5)
Validation Level		Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**							
n-C38 (Octatriacontane)	mg/kg	0.124	0.140	0.110	0.096	0.086	0.140	0.177
n-C39 (Nonatriacontane)	mg/kg	0.172	0.377	0.093	0.089	0.127	0.252	0.122
n-C40 (Tetracontane)	mg/kg	< 0.019 U	< 0.019 U	< 0.019 U	< 0.019 U	0.151	0.238	0.234
n-C9 (Nonane)	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Phytane (Hexadecane, 2,6,10,14-tetramethyl-)	mg/kg	0.185	0.258	0.080	0.080	0.353	0.367	0.297
Pristane (2,6,10,14-Tetramethylpentadecane)	mg/kg	0.138	0.063	0.071 J	0.026 J	0.254	0.258	0.097
Total Alkanes	mg/kg	27.3	36.2	15.9	14.9	19.8	18.5	27.2
Total Petroleum Hydrocarbons	mg/kg	467	847	300	301	802	853	1051
Total Resolveable Hydrocarbons	mg/kg	218	315	140	140	165	196	239
Unresolved Complex Mixture	mg/kg	249	532	160	161	637	657	813
VOCs								
1,1,1,2-Tetrachloroethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,1,1-Trichloroethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,1,2,2-Tetrachloroethane	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,1,2-Trichloroethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,1,2-Trichlorotrifluoroethane	ug/kg	< 25 U	< 21 U	< 19 U	< 15 U	< 17 U	< 17 U	< 23 U
1,1-Dichloroethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,1-Dichloroethene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,1-Dichloropropene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2,3-Trichlorobenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2,3-Trichloropropane	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2,4-Trichlorobenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2,4-Trimethylbenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2-Dibromo-3-Chloropropane	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2-Dibromoethane (EDB)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2-Dichlorobenzene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2-Dichloroethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,2-Dichloropropane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,3,5-Trimethylbenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,3-Dichlorobenzene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,3-Dichloropropane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
1,4-Dichlorobenzene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
2,2-Dichloropropane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
2-Butanone (MEK)	ug/kg	17 J	< 21 U	< 19 U	< 15 U	< 17 U	< 17 U	< 23 U
2-Chlorotoluene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
2-Phenylbutane	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
4-Chlorotoluene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
4-Methyl-2-pentanone (MIBK)	ug/kg	< 25 U	< 21 U	< 19 U	< 15 U	< 17 U	< 17 U	< 23 U
Acetone	ug/kg	100	36 J	33 J	22 J	54	35	75
Allyl chloride	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Benzene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Bromobenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Bromochloromethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Bromodichloromethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Bromoform (Tribromomethane)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Bromomethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Carbon Tetrachloride	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Chlorobenzene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Chloroethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Chloroform	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Chloromethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
cis-1,2-Dichloroethene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U

	Location	SED-DA-BG-007	SED-DA-BG-008	SED-DA-BG-009	SED-DA-BG-009	SED-DA-BG-010	SED-DA-BG-011	SED-DA-BG-012
	Depths (ft)	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
	Sample Date	7/30/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	7/31/2013	8/15/2013
	Sample ID	SED-DA-BG-007(0.0-0.5)	SED-DA-BG-008(0.0-0.5)	SED-DA-BG-009(0.0-0.5)	SED-DA-DUP-03-073113FD	SED-DA-BG-010(0.0-0.5)	SED-DA-BG-011(0.0-0.5)	SED-DA-BG-012(0.0-0.5)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**							
cis-1,3-Dichloropropene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Dibromochloromethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Dibromomethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Dichlorodifluoromethane (CFC-12)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Dichlorofluoromethane	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Diethyl ether (Ethyl ether)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Ethylbenzene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Hexachloro-1,3-Butadiene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Isopropylbenzene (Cumene)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Methylene Chloride (Dichloromethane)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Methyl-tert-butyl ether	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
n-Butylbenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
n-Propylbenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
p-Isopropyltoluene (Cymene)	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Styrene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Tert-Butylbenzene	ug/kg	< 13 U	< 11 UJ	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Tetrachloroethene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Tetrahydrofuran	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Toluene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
trans-1,2-Dichloroethene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
trans-1,3-Dichloropropene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Trichloroethene	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	9 J
Trichlorofluoromethane (CFC-11)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Vinyl Chloride	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U
Xylene (Total)	ug/kg	< 13 U	< 11 U	< 10 U	< 7 U	< 8 U	< 8 U	< 12 U

Notes:
1. Tier II data validation was performed on all sample results. Tier III data validation on 10% of the data is ongoing.

Acronyms and Abbreviations:
% = percent
ft = feet
mg/kg = milligrams per kilogram
NA = not analyzed
PAH = polycyclic aromatic hydrocarbons
SIM = selective ion monitoring
TPH = total petroleum hydrocarbon
ug/kg = micrograms per kilogram
USEPA = United States Environmental Protection Agency
VOCs = volatile organic compounds

Qualifier Definitions:
B = Analyte was also detected in the blank (organic); value is <CRDL, but >IDL (inorganics)
D = Compound quantitated on a diluted sample
E = Concentration exceeds the calibration range of the instrument (organic); estimate due to interference (inorganic)
J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.
R = The sample results are rejected
U = Compound was not detected
UB = Compound considered non-detect at the listed value due to associated blank contamination.
UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.