	Location	SED-DA-001	SED-DA-001	SED-DA-002	SED-DA-002	SED-DA-003	SED-DA-003	SED-DA-003	SED-DA-004	SED-DA-004
	Depths (ft)	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
	Sample ID	SED-DA-001(0.0-0.5)	SED-DA-001(0.5-1.0)	SED-DA-002(0.0-0.5)	SED-DA-002(0.5-1.0)	SED-DA-003(0.0-0.5)	SED-DA-DUP-09-081513FD	SED-DA-003(0.5-1.0)	SED-DA-004(0.0-0.5)	SED-DA-004(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Grain Size										
Sieve 3 inch, % passing	% passing	100	NA	100	NA	100	NA	NA	100	NA
Sieve 1.5 inch, % passing	% passing	100	NA	100	NA	100	NA	NA	100	NA
Sieve 0.75 inch, % passing	% passing	100	NA	100	NA	100	NA	NA	84.2	NA
Sieve, 4750 micron, % passing	% passing	98.9	NA	96.9	NA	98.9	NA	NA	68.3	NA
Sieve, 3350 micron, % passing	% passing	98.3	NA	96.3	NA	98.3	NA	NA	64.3	NA
Sieve, 2360 micron, % passing	% passing	97.7	NA	95.6	NA	97.0	NA	NA	59.7	NA
Sieve, 1180 micron, % passing	% passing	96.3	NA	94.2	NA	96.0	NA	NA	53.3	NA
Sieve, 600 micron, % passing	% passing	93.9	NA	92.0	NA	94.5	NA	NA	49.3	NA
Sieve, 300 micron, % passing	% passing	91.9	NA	90.0	NA	93.1	NA	NA	45.4	NA
Sieve, 150 micron, % passing	% passing	88.1	NA	84.4	NA	88.2	NA	NA	37.9	NA
Sieve, 75 micron, % passing	% passing	81.2	NA	76.4	NA	82.3	NA	NA	32.3	NA
Sieve, 64 micron, % passing	% passing	77.5	NA	73.0	NA	80.0	NA	NA	31.0	NA
Sieve, 50 micron, % passing	% passing	71.0	NA	67.0	NA	73.0	NA	NA	27.0	NA
Sieve, 20 micron, % passing	% passing	41.0	NA	47.0	NA	52.0	NA	NA	20.0	NA
Sieve, 5 micron, % passing	% passing	17.0	NA	28.0	NA	31.5	NA	NA	9.5	NA
Sieve, 2 micron, % passing	% passing	13.0	NA	23.0	NA	26.0	NA	NA	8.0	NA
Sieve, 1 micron, % passing	% passing	10.5	NA	21.0	NA	27.0	NA	NA	6.0	NA
Metals										
Arsenic	mg/kg	9.07 J	7.49 J	2.89 J	9.11 J	10.5 J	7.18 J	12.0 J	11.5 J	10.5 J
Barium	mg/kg	78.0	47.6	103	66.5	110	151	204	106	394
Cadmium	mg/kg	< 0.610 U	< 0.613 U	< 0.649 U	< 0.644 U	< 0.633 U	< 0.607 U	< 0.636 U	< 0.658 U	< 0.659 U
Chromium	mg/kg	20.2 J	12.7 J	50.8 J	23.7 J	21.0 J	25.3 J	29.0 J	21.2 J	30.0 J
Lead	mg/kg	16.3	9.40	23.4	19.8	10.5 J	21.8 J	23.4	18.7	16.5
Mercury	mg/kg	< 0.123 U	< 0.119 U	0.0231 J	0.0215 J	0.0159 J	0.0234 J	< 0.121 U	< 0.133 U	< 0.123 U
Nickel	mg/kg	15.3	8.91	18.8	11.8	13.3	19.6	25.3	20.4	42.8
Selenium	mg/kg	< 2.44 U	< 2.45 U	< 2.60 U	< 2.58 U	< 2.53 U	< 2.43 U	< 2.54 U	< 2.63 U	< 2.64 U
Silver	mg/kg	< 0.610 U	< 0.613 U	0.338 J	< 0.644 U	< 0.633 U	< 0.607 U	< 0.636 U	< 0.658 U	< 0.659 U
Vanadium	mg/kg	24.2 J	19.4 J	38.0 J	31.9 J	29.0 J	33.8 J	35.2 J	23.1 J	36.4 J
Other										
Black Carbon	%	< 0.2 U	NA	< 0.18 U	NA	< 0.2 U	< 0.19 U	NA	< 0.2 U	NA
Percent Moisture	%	19.7	18.4	24.5	25.4	23.3	20.8	22.9	26.9	24.1
Total Organic Carbon	%	0.3	NA	0.49	NA	0.49	0.53	NA	1.35	NA
Priority PAHs										
1-Methylnaphthalene	ug/kg	2.24	0.731	2.16	1.57	1.10 J	2.78 J	1.20	25.3	0.722
2-Methylnaphthalene	ug/kg	2.48	1.44	4.77	3.04	2.16 J	5.22 J	2.35	83.9	1.71
Acenaphthene	ug/kg	1.77	0.496	0.260	0.215	0.157 J	0.450 J	0.234	< 0.3 U	0.668
Acenaphthylene	ug/kg	1.75 J	0.589	2.36	1.64	0.821 J	2.59 J	0.915	10.3	0.324
Anthracene	ug/kg	6.79 J	0.646	3.51	2.21	1.322 J	3.63 J	1.69	16.1	0.329
Benzo(a)Anthracene	ug/kg	21.1 J	0.757	2.77	2.27	1.64 J	5.72 J	2.35	29.8	0.522
Benzo(a)Pyrene	ug/kg	16.4 J	0.382	2.47	2.56	1.21 J	4.93 J	1.18	47.9	0.377
Benzo(b)Fluoranthene	ug/kg	28.2	1.99	14.1	9.14	6.59 J	16.7 J	6.42	130	1.51
Benzo(g,h,i)Perylene	ug/kg	13.3 J	0.674	7.90	3.55	3.50 J	8.05 J	1.87	82.0	1.03
Benzo(j)+(k)Fluoranthene	ug/kg	10.7 J	0.691	3.94	2.84	1.95 J	5.49 J	2.14	29.5	0.472
Chrysene/Triphenylene	ug/kg	23.6 J	1.09	9.25	5.53	5.41 J	14.4 J	6.64	150	2.07
Dibenz(a,h)Anthracene	ug/kg	4.73	0.305	2.30	1.17	0.991 J	2.27 J	0.809	19.4	0.257
Fluoranthene	ug/kg	51.0	2.07	6.59	5.09	4.83 J	11.2 J	4.23	59.0	3.05
Fluorene	ug/kg	2.21	4.42	3.13	3.11	1.88 J	4.72 J	3.46	18.8	4.35
Indeno[1,2,3-cd]pyrene	ug/kg	12.9 J	0.686	6.98	3.34	2.76 J	5.79 J	1.95	33.0	0.543
Naphthalene	ug/kg	2.60	1.37	3.78	3.01	2.23 J	4.11 J	2.17	25.8	1.64
Phenanthrene	ug/kg	35.1	9.97	10.7	9.79	6.58 J	15.4 J	9.38	44.6	13.7
Pyrene	ug/kg	41.5	0.758	5.25	3.68	3.61 J	10.1 J	2.72	131	2.16
Forensic PAHs										

	Location	SED-DA-001	SED-DA-001	SED-DA-002	SED-DA-002	SED-DA-003	SED-DA-003	SED-DA-003	SED-DA-004	SED-DA-004
	Depths (ft)	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
	Sample ID	SED-DA-001(0.0-0.5)	SED-DA-001(0.5-1.0)	SED-DA-002(0.0-0.5)	SED-DA-002(0.5-1.0)	SED-DA-003(0.0-0.5)	SED-DA-DUP-09-081513FD	SED-DA-003(0.5-1.0)	SED-DA-004(0.0-0.5)	SED-DA-004(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Benzo(e)Pyrene	ug/kg	14.3 J	0.915	8.26	4.36	4.21 J	9.70 J	3.45	91.4	1.15
C1-Chrysenes	ug/kg	14.4	< 0.2 U	7.41	< 0.2 U	7.74 J	21.1 J	< 0.2 U	380	3.21
C1-Fluoranthenes/Pyrenes	ug/kg	16.7	0.720	7.59	< 0.5 U	5.90 J	16.4 J	2.59	417	3.14
C1-Fluorenes	ug/kg	< 0.4 U	1.65	1.92	1.73	1.55 J	5.22 J	1.53	147	2.94
C1-Phenanthrenes/Anthracenes	ug/kg	21.2	5.06	10.8	6.91	8.52 J	20.1 J	6.13	311	9.22
C2-Chrysenes	ug/kg	7.49	< 0.2 U	11.5	< 0.2 U	9.31 J	29.5 J	< 0.2 U	486	4.11
C2-Fluorenes	ug/kg	< 0.4 U	< 0.4 U	7.24	< 0.4 U	< 0.4 UJ	20.0 J	< 0.4 U	478	8.26
C2-Naphthalenes	ug/kg	< 0.7 U	4.47	8.04	6.03	4.19 J	12.5 J	5.96	170	4.84
C2-Phenanthrenes/Anthracenes	ug/kg	16.0	< 0.3 U	13.8	6.00	14.7 J	46.9 J	5.91	1069	14.2
C3-Chrysenes	ug/kg	2.63	< 0.2 U	9.36	< 0.2 U	6.11 J	16.8 J	< 0.2 U	395	3.25
C3-Fluorenes	ug/kg	< 0.4 U	< 0.4 U	12.69	< 0.4 U	< 0.4 UJ	30.4 J	< 0.4 U	813	12.9
C3-Naphthalenes	ug/kg	< 0.7 U	5.89	7.04	5.25	4.79 J	16.8 J	5.61	371	10.5
C3-Phenanthrenes/Anthracenes	ug/kg	7.63	< 0.3 U	14.6	< 0.3 U	15.3 J	60.7 J	2.51	1708	14.8
C4-Chrysenes	ug/kg	1.43	< 0.2 U	5.26	< 0.2 U	3.64 J	11.1 J	< 0.2 U	175	< 0.2 U
C4-Naphthalenes	ug/kg	< 0.7 U	< 0.7 U	8.66	< 0.7 U	5.41 J	23.6 J	3.87	908	11.0
C4-Phenanthrenes/Anthracenes	ug/kg	4.92	< 0.3 U	11.8	< 0.3 U	16.2 J	53.6 J	< 0.3 U	1335	10.9
Perylene	ug/kg	4.18 J	0.076 J	0.767 J	0.604 J	0.449 J	1.64 J	0.246 J	38.8	0.149 J
Phenanthrene, 2-methyl-	ug/kg	6.59	NA	3.00	NA	1.88 J	6.19 J	NA	98.4	NA
1,1-Biphenyl	ug/kg	0.814	NA	1.86	NA	0.991 J	2.08 J	NA	14.6	NA
18a-Oleanane	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
1-Methyldibenzothiophene(1MDT)	ug/kg	0.303	NA	1.14	NA	0.891 J	4.48 J	NA	145	NA
1-Methylfluorene	ug/kg	0.727	NA	1.41	NA	0.813 J	3.05 J	NA	67.9	NA
1-Methylphenanthrene	ug/kg	4.11	NA	2.07	NA	1.25 J	4.08 J	NA	85.8	NA
2,3,5-Trimethylnaphthalene	ug/kg	0.773	NA	0.882	NA	0.606 J	2.11 J	NA	48.9	NA
2/3-Methyldibenzothiophene(2MDT)	ug/kg	0.771	NA	1.61	NA	1.09 J	4.60 J	NA	141	NA
2-Methylanthracene	ug/kg	6.97	NA	5.41	NA	5.24 J	5.42 J	NA	25.3	NA
2-Methylfluoranthene	ug/kg	4.01	NA	0.841	NA	0.657 J	2.02 J	NA	29.2	NA
3,6-Dimethylphenanthrene	ug/kg	1.10	NA	0.691	NA	0.648 J	2.64 J	NA	67.0	NA
3-Methylphenanthrene (3MP)	ug/kg	5.90	NA	2.20	NA	1.54 J	4.72 J	NA	84.7	NA
4-Methyldibenzothiophene(4MDT)	ug/kg	0.920	NA	2.14	NA	1.57 J	6.74 J	NA	213	NA
9/4-Methylphenanthrene (9MP)	ug/kg	5.10	NA	1.88	NA	1.61 J	6.71 J	NA	126	NA
Benzo(a)Fluoranthene	ug/kg	3.50	NA	1.51	NA	0.450 J	1.66 J	NA	< 0.3 U	NA
Benzo(b)fluorene	ug/kg	0.74	NA	0.410	NA	0.358 J	0.940 J	NA	26.4	NA
Benzothiophene	ug/kg	0.216	NA	0.322	NA	0.297 J	0.579 J	NA	3.73	NA
C1-Benzo(b)thiophenes	ug/kg	< 0.2 U	NA	1.70	NA	< 0.2 UJ	1.84 J	NA	33.4	NA
C1-Decalins	ug/kg	< 0.3 U	NA	< 0.3 U	NA	< 0.3 U	< 0.3 U	NA	< 0.8 U	NA
C1-Dibenzothiophenes	ug/kg	1.44	< 0.1 U	3.52	< 0.722 UB	2.56 J	11.4 J	< 0.687 UB	< 0.2 U	4.27
C1-Naphthalenes	ug/kg	3.04	1.44	4.50	3.07	2.11 J	5.19 J	2.36	71.0	1.62
C1-Naphthobenzothiophenes	ug/kg	4.88	NA	11.4	NA	10.4 J	34.5 J	NA	717	NA
C20-TAS	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
C21-TAS	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
C26(20R)/C27(20S)-TAS	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
C26(20S)-TAS	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
C27(20R)-TAS	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
C28(20R)-TAS	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
C28(20S)-TAS	ug/kg	< 0.6 U	NA	< 0.6 U	NA	< 0.6 U	< 0.6 U	NA	< 1.7 U	NA
C29-Hopane	ug/kg	6.97	NA	48.4	NA	28.2 J	71.6 J	NA	850	NA
C2-Benzo(b)thiophenes	ug/kg	< 0.2 U	NA	1.04	NA	< 0.2 UJ	2.63 J	NA	55.7	NA
C2-Decalins	ug/kg	< 0.3 U	NA	< 0.3 U	NA	< 0.3 U	< 0.3 U	NA	< 0.8 U	NA
C2-Dibenzothiophenes	ug/kg	< 0.2 U	< 0.2 U	8.00	< 1.09 UB	9.00 J	32.9 J	< 1.41 UB	1210	12.5
C2-Fluoranthenes/Pyrenes	ug/kg	17.1	< 0.5 U	10.9	< 0.5 U	8.39 J	28.3 J	4.28	584	4.24
C2-Naphthobenzothiophenes	ug/kg	4.91	NA	23.0	NA	18.7 J	62.0 J	NA	1049	NA
C30-Hopane	ug/kg	9.26	NA	62.5	NA	38.5 J	88.9 J	NA	1036	NA

	Location	SED-DA-001	SED-DA-001	SED-DA-002	SED-DA-002	SED-DA-003	SED-DA-003	SED-DA-003	SED-DA-004	SED-DA-004
	Depths (ft)	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
	Sample ID	SED-DA-001(0.0-0.5)	SED-DA-001(0.5-1.0)	SED-DA-002(0.0-0.5)	SED-DA-002(0.5-1.0)	SED-DA-003(0.0-0.5)	SED-DA-DUP-09-081513FD	SED-DA-003(0.5-1.0)	SED-DA-004(0.0-0.5)	SED-DA-004(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
C3-Benzo(b)thiophenes	ug/kg	< 0.2 U	NA	< 0.2 U	NA	< 0.2 UJ	3.73 J	NA	155	NA
C3-Decalins	ug/kg	< 0.3 U	NA	< 0.3 U	NA	< 0.3 U	< 0.3 U	NA	< 0.8 U	NA
C3-Dibenzothiophenes	ug/kg	< 0.2 U	< 0.2 U	11.6	< 1.04 UB	11.9 J	46.6 J	< 1.56 UB	1826	15.7
C3-Fluoranthenes/Pyrenes	ug/kg	6.37	< 0.5 U	7.59	< 0.5 U	6.55 J	22.0 J	2.81	445	3.67
C3-Naphthobenzothiophenes	ug/kg	4.12	NA	25.5	NA	17.6 J	49.0 J	NA	881	NA
C4-Benzo(b)thiophenes	ug/kg	< 0.2 U	NA	< 0.2 U	NA	< 0.2 UJ	4.97 J	NA	424	NA
C4-Decalins	ug/kg	< 0.3 U	NA	< 0.3 U	NA	< 0.3 U	< 0.3 U	NA	< 0.8 U	NA
C4-Dibenzothiophenes	ug/kg	< 0.2 U	< 0.2 U	9.94	< 0.2 U	14.1 J	55.1 J	1.15	1546	12.5
C4-Fluoranthenes/Pyrenes	ug/kg	4.30	< 0.5 U	8.09	< 0.5 U	9.58 J	25.4 J	< 0.5 U	484	4.76
C4-Naphthobenzothiophenes	ug/kg	2.99	NA	17.4	NA	11.8 J	27.1 J	NA	395	NA
Carbazole	ug/kg	3.94 J	NA	1.31	NA	0.88 J	1.59 J	NA	< 0.4 U	NA
cis/trans-Decalin (Decahydronaphthalene)	ug/kg	< 0.1 U	NA	< 0.1 U	NA	< 0.1 U	< 0.1 U	NA	< 0.4 U	NA
Dibenzofuran	ug/kg	2.34	NA	2.96	NA	1.83 J	4.04 J	NA	14.7	NA
Dibenzothiophene	ug/kg	1.62	< 0.314 UB	1.68	< 0.710 UB	0.92 J	2.92 J	< 0.647 UB	< 0.3 U	1.28
Naphthalene, 2,6-dimethyl-	ug/kg	1.01	NA	2.41	NA	1.10 J	3.19 J	NA	46.8	NA
Naphthobenzothiophene	ug/kg	5.19	NA	3.70	NA	3.38 J	12.6 J	NA	239	NA
Retene	ug/kg	1.14	NA	3.38	NA	2.88 J	4.93 J	NA	72.1	NA
TPH										
EOM (Extracted Organic Material)	mg/kg	112	NA	313	NA	175	409	NA	4919	NA
i-C15	mg/kg	< 0.016 U	NA	0.011 J	NA	0.006 J	0.015 J	NA	0.858	NA
i-C16	mg/kg	< 0.004 U	NA	0.032	NA	0.007 J	0.026	NA	1.390	NA
i-C18	mg/kg	< 0.004 U	NA	0.016	NA	0.009 J	0.022 J	NA	1.133	NA
n-C10 (n-Decane)	mg/kg	< 0.021 U	NA	< 0.021 U	NA	< 0.021 U	< 0.021 U	NA	0.048 J	NA
n-C11 (n-Undecane)	mg/kg	0.003 J	NA	0.005 J	NA	0.005 J	0.005 J	NA	0.095	NA
n-C12 (n-Dodecane)	mg/kg	0.011 J	NA	0.028	NA	0.022 J	0.047 J	NA	0.190	NA
n-C13 (n-Tridecane)	mg/kg	0.005 J	NA	0.015 J	NA	0.008 J	0.015 J	NA	0.253	NA
n-C14 (n-Tetradecane)	mg/kg	0.013 J	NA	0.041	NA	0.023 J	0.052 J	NA	0.288	NA
n-C15 (Pentadecane)	mg/kg	0.009 J	NA	0.032	NA	0.015 J	0.035	NA	0.547	NA
n-C16 (n-Hexadecane)	mg/kg	0.021	NA	0.052	NA	0.026 J	0.078 J	NA	0.377	NA
n-C17 (Heptadecane)	mg/kg	0.009	NA	0.032	NA	0.016 J	0.044 J	NA	0.714	NA
n-C18 (Octadecane)	mg/kg	0.026	NA	0.060	NA	0.031 J	0.067 J	NA	0.513	NA
n-C19 (Nonadecane)	mg/kg	0.012	NA	0.040	NA	0.015 J	0.036 J	NA	0.566	NA
n-C20 (Eicosane)	mg/kg	0.005 J	NA	0.024	NA	0.009 J	0.022	NA	0.330	NA
n-C21 (Heneicosane)	mg/kg	0.055	NA	0.043	NA	0.020 J	0.039 J	NA	0.538	NA
n-C22 (Docosane)	mg/kg	0.005	NA	0.024	NA	0.007 J	0.014 J	NA	0.153	NA
n-C23 (Tricosane)	mg/kg	0.013	NA	0.040	NA	0.008 J	0.027	NA	0.498	NA
n-C24 (Tetracosane)	mg/kg	0.005 J	NA	0.025	NA	0.011	0.015	NA	0.290	NA
n-C25 (Pentacosane)	mg/kg	0.018	NA	0.052	NA	0.021 J	0.037 J	NA	0.232	NA
n-C26 (Hexacosane)	mg/kg	0.006 J	NA	0.018	NA	0.007 J	0.016	NA	0.154	NA
n-C27 (Heptacosane)	mg/kg	0.042	NA	0.121	NA	0.041 J	0.093 J	NA	0.496	NA
n-C28 (Octacosane)	mg/kg	0.023	NA	0.058	NA	0.018 J	0.035 J	NA	0.627	NA
n-C29 (Nonacosane)	mg/kg	0.110	NA	0.289	NA	0.076 J	0.174 J	NA	1.199	NA
n-C30 (n-Triacontane)	mg/kg	0.019	NA	0.041	NA	0.023 J	0.048 J	NA	0.575	NA
n-C31 (Hentriacontane)	mg/kg	0.138	NA	0.415	NA	0.164	0.273	NA	1.632	NA
n-C32 (Dotriacontane)	mg/kg	0.017	NA	0.025	NA	0.013 J	0.053 J	NA	0.239	NA
n-C33	mg/kg	0.433	NA	1.018	NA	0.747	0.767	NA	2.483	NA
n-C34 (Tetratriacontane)	mg/kg	0.018	NA	0.035	NA	0.028	0.042	NA	0.228	NA
n-C35	mg/kg	0.024	NA	0.047	NA	0.071	0.083	NA	0.316	NA
n-C36 (Hexatriacontane)	mg/kg	0.008 J	NA	0.026	NA	0.015 J	0.024	NA	0.185	NA
n-C37	mg/kg	0.017 J	NA	0.008 J	NA	0.023	0.026	NA	0.186	NA
n-C38 (Octatriacontane)	mg/kg	< 0.019 U	NA	< 0.019 U	NA	< 0.019 U	< 0.019 U	NA	< 0.056 U	NA
n-C39 (Nonatriacontane)	mg/kg	< 0.019 U	NA	< 0.019 U	NA	< 0.019 U	< 0.019 U	NA	< 0.055 U	NA
n-C40 (Tetracontane)	mg/kg	< 0.019 U	NA	< 0.019 U	NA	< 0.019 U	< 0.019 U	NA	< 0.055 U	NA

	Location	SED-DA-001	SED-DA-001	SED-DA-002	SED-DA-002	SED-DA-003	SED-DA-003	SED-DA-003	SED-DA-004	SED-DA-004
	Depths (ft)	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
	Sample ID	SED-DA-001(0.0-0.5)	SED-DA-001(0.5-1.0)	SED-DA-002(0.0-0.5)	SED-DA-002(0.5-1.0)	SED-DA-003(0.0-0.5)	SED-DA-DUP-09-081513FD	SED-DA-003(0.5-1.0)	SED-DA-004(0.0-0.5)	SED-DA-004(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
n-C9 (Nonane)	mg/kg	< 0.012 U	NA	< 0.012 U	NA	< 0.012 U	< 0.012 U	NA	< 0.037 U	NA
Phytane (Hexadecane, 2,6,10,14-tetramethyl-)	mg/kg	0.006 J	NA	0.033	NA	0.017 J	0.069 J	NA	2.326	NA
Pristane (2,6,10,14-Tetramethylpentadecane)	mg/kg	0.009	NA	0.036	NA	0.017 J	0.067 J	NA	1.857	NA
Total Alkanes	mg/kg	1.1	NA	2.7	NA	1.5 J	2.4 J	NA	21.5	NA
Total Petroleum Hydrocarbons	mg/kg	21	NA	87	NA	57 J	181 J	NA	2277	NA
Total Resolveable Hydrocarbons	mg/kg	6	NA	20	NA	12 J	26 J	NA	162	NA
Unresolved Complex Mixture	mg/kg	15	NA	66	NA	45 J	155 J	NA	2115	NA
VOCs										
1,1,1,2-Tetrachloroethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,1,1-Trichloroethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,1,2,2-Tetrachloroethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,1,2-Trichloroethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,1,2-Trichlorotrifluoroethane	ug/kg	< 11 U	< 10 U	< 14 U	< 13 U	< 13 U	< 11 U	< 12 U	< 14 UJ	< 12 U
1,1-Dichloroethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,1-Dichloroethene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,1-Dichloropropene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2,3-Trichlorobenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2,3-Trichloropropane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2,4-Trichlorobenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2,4-Trimethylbenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2-Dibromo-3-Chloropropane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2-Dibromoethane (EDB)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2-Dichloroethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,2-Dichloropropane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,3,5-Trimethylbenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	2 J	< 6 U
1,3-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,3-Dichloropropane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
1,4-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
2,2-Dichloropropane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
2-Butanone (MEK)	ug/kg	< 11 U	< 10 U	< 14 U	< 13 U	< 13 U	< 11 U	< 12 U	8 J	< 12 U
2-Chlorotoluene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
2-Phenylbutane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
4-Chlorotoluene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
4-Methyl-2-pentanone (MIBK)	ug/kg	< 11 U	< 10 U	< 14 U	< 13 U	< 13 U	< 11 U	< 12 U	< 14 UJ	< 12 U
Acetone	ug/kg	< 22 U	< 20 U	61	19 J	23 J	56	11 J	62 J	23 J
Allyl chloride	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Benzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	2 J	1 J
Bromobenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Bromochloromethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Bromodichloromethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Bromoform (Tribromomethane)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Bromomethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Carbon Tetrachloride	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Chlorobenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Chloroethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Chloroform	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Chloromethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
cis-1,2-Dichloroethene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
cis-1,3-Dichloropropene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Dibromochloromethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Dibromomethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Dichlorodifluoromethane (CFC-12)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U

	Location	SED-DA-001	SED-DA-001	SED-DA-002	SED-DA-002	SED-DA-003	SED-DA-003	SED-DA-003	SED-DA-004	SED-DA-004
	Depths (ft)	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
	Sample ID	SED-DA-001(0.0-0.5)	SED-DA-001(0.5-1.0)	SED-DA-002(0.0-0.5)	SED-DA-002(0.5-1.0)	SED-DA-003(0.0-0.5)	SED-DA-DUP-09-081513FD	SED-DA-003(0.5-1.0)	SED-DA-004(0.0-0.5)	SED-DA-004(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Dichlorofluoromethane	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Diethyl ether (Ethyl ether)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 U	< 6 U
Ethylbenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	2 J	< 6 U
Hexachloro-1,3-Butadiene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Isopropylbenzene (Cumene)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Methylene Chloride (Dichloromethane)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Methyl-tert-butyl ether	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
n-Butylbenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
n-Propylbenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
p-Isopropyltoluene (Cymene)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	2 J	< 6 U
Styrene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Tert-Butylbenzene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Tetrachloroethene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Tetrahydrofuran	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Toluene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	15 J	< 6 U
trans-1,2-Dichloroethene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
trans-1,3-Dichloropropene	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Trichloroethene	ug/kg	3 J	3 J	3 J	< 7 U	3 J	4 J	3 J	3 J	3 J
Trichlorofluoromethane (CFC-11)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Vinyl Chloride	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	< 7 UJ	< 6 U
Xylene (Total)	ug/kg	< 5 U	< 5 U	< 7 U	< 7 U	< 6 U	< 6 U	< 6 U	15 J	< 6 U

	Location	SED-DA-005	SED-DA-005	SED-DA-005	SED-DA-006	SED-DA-006	SED-DA-006	SED-DA-007	SED-DA-007	SED-DA-007
	Depths (ft)	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-005(0.0-0.5)	SED-DA-005(0.5-1.0)	SED-DA-005(1.0-1.5)	SED-DA-006(0.0-0.5)	SED-DA-006(0.5-1.0)	SED-DA-006(1.0-1.5)	SED-DA-007(0.0-0.5)	SED-DA-DUP-04-080313FD	SED-DA-007(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Grain Size										
Sieve 3 inch, % passing	% passing	100	NA	NA	100	NA	NA	100	NA	NA
Sieve 1.5 inch, % passing	% passing	100	NA	NA	100	NA	NA	100	NA	NA
Sieve 0.75 inch, % passing	% passing	100	NA	NA	100	NA	NA	95.6	NA	NA
Sieve, 4750 micron, % passing	% passing	98.6	NA	NA	98.5	NA	NA	83.0	NA	NA
Sieve, 3350 micron, % passing	% passing	98.1	NA	NA	98.2	NA	NA	74.8	NA	NA
Sieve, 2360 micron, % passing	% passing	97.5	NA	NA	97.3	NA	NA	65.5	NA	NA
Sieve, 1180 micron, % passing	% passing	95.5	NA	NA	96.9	NA	NA	43.7	NA	NA
Sieve, 600 micron, % passing	% passing	93.4	NA	NA	94.3	NA	NA	36.6	NA	NA
Sieve, 300 micron, % passing	% passing	91.5	NA	NA	91.2	NA	NA	34.0	NA	NA
Sieve, 150 micron, % passing	% passing	84.3	NA	NA	86.7	NA	NA	30.0	NA	NA
Sieve, 75 micron, % passing	% passing	73.1	NA	NA	80.7	NA	NA	26.1	NA	NA
Sieve, 64 micron, % passing	% passing	70.0	NA	NA	78.0	NA	NA	25.0	NA	NA
Sieve, 50 micron, % passing	% passing	64.0	NA	NA	74.0	NA	NA	21.0	NA	NA
Sieve, 20 micron, % passing	% passing	43.0	NA	NA	54.0	NA	NA	11.0	NA	NA
Sieve, 5 micron, % passing	% passing	19.0	NA	NA	25.0	NA	NA	6.0	NA	NA
Sieve, 2 micron, % passing	% passing	14.0	NA	NA	20.0	NA	NA	3.0	NA	NA
Sieve, 1 micron, % passing	% passing	12.0	NA	NA	17.0	NA	NA	1.0	NA	NA
Metals										
Arsenic	mg/kg	7.97	4.65	4.38	4.43	2.63	6.23	8.58	5.81	3.25
Barium	mg/kg	54.9	50.3	45.4	38.0	115	72.0	68.5	64.0	40.4
Cadmium	mg/kg	< 0.621 U	< 0.564 U	< 0.568 U	< 0.640 U	< 0.570 U	< 0.564 U	< 0.630 U	< 0.613 U	< 0.575 U
Chromium	mg/kg	23.1 J	13.7 J	12.8 J	12.4 J	16.6 J	17.4 J	46.7 J	23.3 J	14.5 J
Lead	mg/kg	14.1 J	10.8 J	7.34 J	11.4 J	7.39 J	14.3 J	10.6 J	20.8 J	8.64 J
Mercury	mg/kg	0.0363 J	0.0277 J	0.0243 J	0.0196 J	0.0181 J	0.0139 J	0.0224 J	0.0196 J	0.0202 J
Nickel	mg/kg	10.7	10.0	7.87	8.49	9.38	6.96	11.8	10.6	7.95
Selenium	mg/kg	1.43 J	1.56 J	< 2.27 U	< 2.56 U	< 2.28 U	2.03 J	1.54 J	1.01 J	< 2.30 U
Silver	mg/kg	< 0.621 U	< 0.564 U	< 0.568 U	< 0.640 U	< 0.570 U	< 0.564 U	< 0.630 U	0.245 J	< 0.575 U
Vanadium	mg/kg	30.3 J	22.5 J	21.1 J	25.7 J	22.3 J	28.5 J	41.1 J	29.1 J	23.9 J
Other										
Black Carbon	%	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	< 0.19 U	NA
Percent Moisture	%	21.0	14.8	15.3	22.7	14.0	14.7	24.4	22.3	14.7
Total Organic Carbon	%	0.37	NA	NA	0.14 J	NA	NA	0.26	0.56	NA
Priority PAHs										
1-Methylnaphthalene	ug/kg	1.11	0.687	0.419 J	0.123 J	6.94	0.693	1.16 J	7.69 J	0.500 J
2-Methylnaphthalene	ug/kg	2.37	1.55	1.12 J	0.264 J	12.9	1.5	2.31 J	13.6 J	1.06 J
Acenaphthene	ug/kg	0.114	0.092 J	< 0.1 U	< 0.1 U	0.649	< 0.1 U	< 0.1 UJ	1.39 J	< 0.1 U
Acenaphthylene	ug/kg	0.246	0.063	< 0.04 U	< 0 U	0.736	< 0.04 U	0.319 J	1.55 J	< 0.04 U
Anthracene	ug/kg	0.480	< 0.1 U	< 0.1 U	< 0.1 U	1.55	< 0.1 U	0.459 J	5.70 J	< 0.1 U
Benzo(a)Anthracene	ug/kg	0.714	0.432	< 0.2 U	< 0.2 U	2.37	< 0.2 U	1.35 J	5.32 J	< 0.2 U
Benzo(a)Pyrene	ug/kg	0.596	0.410	< 0.1 U	< 0.1 U	2.50	< 0.1 U	0.678 J	7.46 J	< 0.1 U
Benzo(b)Fluoranthene	ug/kg	2.15	0.794	< 0.2 U	< 0.2 U	7.81	< 0.2 U	3.97 J	20.7 J	< 0.2 U
Benzo(g,h,i)Perylene	ug/kg	1.32	0.355	< 0.1 U	< 0.1 U	5.99	< 0.1 U	1.32 J	9.93 J	< 0.1 U
Benzo(j)+(k)Fluoranthene	ug/kg	0.891	0.323	< 0.1 U	< 0.1 U	2.43	< 0.1 U	0.786 J	6.88 J	< 0.1 U
Chrysene/Triphenylene	ug/kg	3.24	0.595	< 0.1 U	< 0.1 U	13.6	< 0.1 U	4.60 J	19.8 J	< 0.1 U
Dibenz(a,h)Anthracene	ug/kg	0.349	0.107	< 0.1 U	< 0.1 U	1.49	< 0.1 U	0.478 J	2.48 J	< 0.1 U
Fluoranthene	ug/kg	2.04	1.47	0.460	0.195 J	7.79	0.438	2.74 J	16.1 J	0.349
Fluorene	ug/kg	2.17	2.59	1.54	0.464	6.77	1.63	1.96 J	8.40 J	1.37
Indeno[1,2,3-cd]pyrene	ug/kg	0.646	0.319	< 0.1 U	< 0.1 U	2.37	< 0.1 U	0.898 J	5.21 J	< 0.1 U
Naphthalene	ug/kg	1.58	1.26	0.955	< 0.354 UB	4.64	1.06	1.41 J	4.83 J	< 0.878 UB
Phenanthrene	ug/kg	6.43	7.95	4.34	1.47	29.8	4.04	8.37 J	51.9 J	3.44
Pyrene	ug/kg	2.60	0.550	0.039 J	0.013 J	15.3	0.055 J	3.39 J	20.4 J	0.042 J
Forensic PAHs										

	Location	SED-DA-005	SED-DA-005	SED-DA-005	SED-DA-006	SED-DA-006	SED-DA-006	SED-DA-007	SED-DA-007	SED-DA-007
	Depths (ft)	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-005(0.0-0.5)	SED-DA-005(0.5-1.0)	SED-DA-005(1.0-1.5)	SED-DA-006(0.0-0.5)	SED-DA-006(0.5-1.0)	SED-DA-006(1.0-1.5)	SED-DA-007(0.0-0.5)	SED-DA-DUP-04-080313FD	SED-DA-007(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Benzo(e)Pyrene	ug/kg	2.03	0.447	< 0.2 U	< 0.2 U	8.01	< 0.2 U	2.82 J	16.7 J	< 0.2 U
C1-Chrysenes	ug/kg	6.54	< 0.2 U	< 0.2 U	< 0.2 U	38.7	< 0.2 U	8.21 J	60.6 J	< 0.2 U
C1-Fluoranthenes/Pyrenes	ug/kg	7.01	0.416 J	< 0.5 U	< 0.5 U	35.5	< 0.5 U	9.57 J	77.4 J	< 0.5 U
C1-Fluorenes	ug/kg	2.34	1.06	0.551	0.143 J	27.2	0.573	5.60 J	40.3 J	0.508
C1-Phenanthrenes/Anthracenes	ug/kg	15.0	4.14	< 0.1 U	< 0.1 U	85.2	< 0.1 U	29.7 J	168 J	< 0.1 U
C2-Chrysenes	ug/kg	9.11	< 0.2 U	< 0.2 U	< 0.2 U	49.5	< 0.2 U	12.1 J	68.5 J	< 0.2 U
C2-Fluorenes	ug/kg	12.5	< 0.4 U	< 0.4 U	< 0.4 U	84.6	< 0.4 U	19.5 J	110 J	< 0.4 U
C2-Naphthalenes	ug/kg	5.14	2.06	1.13	0.498 J	42.2	2.09	6.15 J	53.1 J	1.55
C2-Phenanthrenes/Anthracenes	ug/kg	31.6	< 0.3 U	< 0.3 U	< 0.3 U	152	< 0.3 U	58.0 J	318 J	< 0.3 U
C3-Chrysenes	ug/kg	6.73	< 0.2 U	< 0.2 U	< 0.2 U	34.3	< 0.2 U	7.87 J	49.9 J	< 0.2 U
C3-Fluorenes	ug/kg	17.4	< 0.4 U	< 0.4 U	< 0.4 U	95.6	< 0.4 U	29.8 J	151 J	< 0.4 U
C3-Naphthalenes	ug/kg	8.78	1.18	0.879	< 0.7 U	92.7	0.885	16.9 J	124 J	1.05
C3-Phenanthrenes/Anthracenes	ug/kg	37.8	< 0.3 U	< 0.3 U	< 0.3 U	173	< 0.3 U	66.1 J	350 J	< 0.3 U
C4-Chrysenes	ug/kg	3.64	< 0.2 U	< 0.2 U	< 0.2 U	17.2	< 0.2 U	3.76 J	23.0 J	< 0.2 U
C4-Naphthalenes	ug/kg	14.8	< 0.7 U	< 0.7 U	< 0.7 U	113	< 0.7 U	20.9 J	215 J	< 0.7 U
C4-Phenanthrenes/Anthracenes	ug/kg	29.3	< 0.3 U	< 0.3 U	< 0.3 U	116	< 0.3 U	46.9 J	253 J	< 0.3 U
Perylene	ug/kg	0.242 J	< 1.3 UBJ	R	R	0.903 J	R	0.151 J	2.66 J	R
Phenanthrene, 2-methyl-	ug/kg	3.70 J	NA	NA	< 0.1 UJ	NA	NA	7.88 J	46.3 J	NA
1,1-Biphenyl	ug/kg	1.02	NA	NA	< 0.29 UB	NA	NA	< 0.749 UBJ	3.02 J	NA
18a-Oleanane	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
1-Methyldibenzothiophene(1MDT)	ug/kg	4.28	NA	NA	0.025 J	NA	NA	9.19 J	48.4 J	NA
1-Methylfluorene	ug/kg	0.78	NA	NA	0.109 J	NA	NA	5.07 J	30.3 J	NA
1-Methylphenanthrene	ug/kg	3.40	NA	NA	< 0.1 U	NA	NA	7.70 J	36.9 J	NA
2,3,5-Trimethylnaphthalene	ug/kg	1.90	NA	NA	< 0.1 U	NA	NA	3.15 J	28.8 J	NA
2/3-Methyldibenzothiophene(2MDT)	ug/kg	4.71	NA	NA	0.059 J	NA	NA	9.89 J	68.0 J	NA
2-Methylanthracene	ug/kg	2.87	NA	NA	< 0.1 U	NA	NA	3.18 J	7.81 J	NA
2-Methylfluoranthene	ug/kg	0.648	NA	NA	< 0.2 U	NA	NA	1.12 J	5.83 J	NA
3,6-Dimethylphenanthrene	ug/kg	1.64	NA	NA	< 0.1 U	NA	NA	3.15 J	22.1 J	NA
3-Methylphenanthrene (3MP)	ug/kg	3.27	NA	NA	< 0.1 U	NA	NA	6.69 J	40.3 J	NA
4-Methyldibenzothiophene(4MDT)	ug/kg	6.67	NA	NA	0.100	NA	NA	14.6 J	90.3 J	NA
9/4-Methylphenanthrene (9MP)	ug/kg	4.24	NA	NA	< 0.1 U	NA	NA	9.06 J	64.1 J	NA
Benzo(a)Fluoranthene	ug/kg	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	< 0.1 U	NA
Benzo(b)fluorene	ug/kg	0.523	NA	NA	< 0.1 U	NA	NA	0.880 J	7.17 J	NA
Benzothiophene	ug/kg	0.143	NA	NA	< 0.1 U	NA	NA	0.111 J	0.494 J	NA
C1-Benzo(b)thiophenes	ug/kg	0.704	NA	NA	< 0.2 U	NA	NA	0.820 J	5.24 J	NA
C1-Decalins	ug/kg	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 UJ	3.43 J	NA
C1-Dibenzothiophenes	ug/kg	12.3	0.760	0.297	0.145	95.8	0.464	26.5 J	163 J	0.414
C1-Naphthalenes	ug/kg	2.20	1.45	1.00 J	0.245 J	12.9	1.42	2.19 J	13.4 J	1.02 J
C1-Naphthobenzothiophenes	ug/kg	13.8	NA	NA	< 0.3 U	NA	NA	22.5 J	103.4 J	NA
C20-TAS	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
C21-TAS	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
C26(20R)/C27(20S)-TAS	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
C26(20S)-TAS	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
C27(20R)-TAS	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
C28(20R)-TAS	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
C28(20S)-TAS	ug/kg	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	< 0.6 U	NA
C29-Hopane	ug/kg	31.7	NA	NA	< 0.6 U	NA	NA	27.6 J	229 J	NA
C2-Benzo(b)thiophenes	ug/kg	1.28	NA	NA	< 0.2 U	NA	NA	1.76 J	15.7 J	NA
C2-Decalins	ug/kg	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 UJ	5.36 J	NA
C2-Dibenzothiophenes	ug/kg	26.4	1.18	0.339	< 0.2 U	183	0.451	48.7 J	335 J	0.422
C2-Fluoranthenes/Pyrenes	ug/kg	11.9	0.495	< 0.5 U	< 0.5 U	53.3	< 0.5 U	14.1 J	112 J	< 0.5 U
C2-Naphthobenzothiophenes	ug/kg	21.1	NA	NA	< 0.3 U	NA	NA	28.4 J	167.5 J	NA
C30-Hopane	ug/kg	39.9	NA	NA	< 0.6 U	NA	NA	52.2 J	274 J	NA

	Location	SED-DA-005	SED-DA-005	SED-DA-005	SED-DA-006	SED-DA-006	SED-DA-006	SED-DA-007	SED-DA-007	SED-DA-007
	Depths (ft)	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-005(0.0-0.5)	SED-DA-005(0.5-1.0)	SED-DA-005(1.0-1.5)	SED-DA-006(0.0-0.5)	SED-DA-006(0.5-1.0)	SED-DA-006(1.0-1.5)	SED-DA-007(0.0-0.5)	SED-DA-DUP-04-080313FD	SED-DA-007(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
C3-Benzo(b)thiophenes	ug/kg	2.06	NA	NA	< 0.2 U	NA	NA	< 0.2 UJ	30.0 J	NA
C3-Decalins	ug/kg	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 UJ	16.1 J	NA
C3-Dibenzothiophenes	ug/kg	40.6	1.17	0.192 J	< 0.2 U	245	< 0.2 U	70.9 J	430 J	< 0.2 U
C3-Fluoranthenes/Pyrenes	ug/kg	10.5	0.217 J	< 0.5 U	< 0.5 U	32.0	< 0.5 U	12.3 J	80.9 J	< 0.5 U
C3-Naphthobenzothiophenes	ug/kg	16.1	NA	NA	< 0.3 U	NA	NA	23.2 J	113.9 J	NA
C4-Benzo(b)thiophenes	ug/kg	2.36	NA	NA	< 0.2 U	NA	NA	< 0.2 UJ	64.1 J	NA
C4-Decalins	ug/kg	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 UJ	42.2 J	NA
C4-Dibenzothiophenes	ug/kg	30.3	< 0.2 U	< 0.2 U	< 0.2 U	104	< 0.2 U	54.5 J	324 J	< 0.2 U
C4-Fluoranthenes/Pyrenes	ug/kg	8.75	< 0.5 U	< 0.5 U	< 0.5 U	35.4	< 0.5 U	9.11 J	78.6 J	< 0.5 U
C4-Naphthobenzothiophenes	ug/kg	9.44	NA	NA	< 0.3 U	NA	NA	12.1 J	42.7 J	NA
Carbazole	ug/kg	0.328	< 0.1 U	< 0.1 U	< 0.15 UB	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
cis/trans-Decalin (Decahydronaphthalene)	ug/kg	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 UJ	1.89 J	NA
Dibenzofuran	ug/kg	1.52	NA	NA	0.435	NA	NA	1.19 J	4.59 J	NA
Dibenzothiophene	ug/kg	2.87	0.473	0.278	0.155	20.9	0.397	6.26 J	32.0 J	0.316
Naphthalene, 2,6-dimethyl-	ug/kg	2.39	NA	NA	0.162 J	NA	NA	2.84 J	22.2 J	NA
Naphthobenzothiophene	ug/kg	4.96	NA	NA	< 0.1 U	NA	NA	10.2 J	35.0 J	NA
Retene	ug/kg	2.26	NA	NA	< 0.2 U	NA	NA	4.13 J	21.8 J	NA
TPH										
EOM (Extracted Organic Material)	mg/kg	103	NA	NA	28 J	NA	NA	121 J	746 J	NA
i-C15	mg/kg	< 0.016 U	NA	NA	< 0.016 U	NA	NA	0.009 J	0.113 J	NA
i-C16	mg/kg	< 0.004 U	NA	NA	< 0.004 U	NA	NA	0.009 J	0.075 J	NA
i-C18	mg/kg	< 0.004 U	NA	NA	< 0.004 U	NA	NA	0.024 J	0.253 J	NA
n-C10 (n-Decane)	mg/kg	0.004 J	NA	NA	< 0.021 U	NA	NA	0.003 J	< 0.021 U	NA
n-C11 (n-Undecane)	mg/kg	0.002 J	NA	NA	< 0.016 U	NA	NA	0.002 J	0.007 J	NA
n-C12 (n-Dodecane)	mg/kg	0.017 J	NA	NA	0.009 J	NA	NA	0.012 J	0.021	NA
n-C13 (n-Tridecane)	mg/kg	0.012 J	NA	NA	0.004 J	NA	NA	0.006 J	0.029 J	NA
n-C14 (n-Tetradecane)	mg/kg	0.025	NA	NA	0.007 J	NA	NA	0.017 J	0.090 J	NA
n-C15 (Pentadecane)	mg/kg	0.021	NA	NA	0.005 J	NA	NA	0.016 J	0.100 J	NA
n-C16 (n-Hexadecane)	mg/kg	0.030	NA	NA	0.010	NA	NA	0.022 J	0.152 J	NA
n-C17 (Heptadecane)	mg/kg	0.025	NA	NA	0.004	NA	NA	0.025 J	0.207 J	NA
n-C18 (Octadecane)	mg/kg	0.030	NA	NA	0.008	NA	NA	0.041 J	0.228 J	NA
n-C19 (Nonadecane)	mg/kg	0.024	NA	NA	0.004 J	NA	NA	0.039 J	0.183 J	NA
n-C20 (Eicosane)	mg/kg	0.018	NA	NA	0.003 J	NA	NA	0.021 J	0.139 J	NA
n-C21 (Heneicosane)	mg/kg	0.016	NA	NA	0.004 J	NA	NA	0.022 J	0.160 J	NA
n-C22 (Docosane)	mg/kg	0.013	NA	NA	0.005	NA	NA	0.021 J	0.123 J	NA
n-C23 (Tricosane)	mg/kg	0.018	NA	NA	0.008 J	NA	NA	0.027 J	0.140 J	NA
n-C24 (Tetracosane)	mg/kg	0.025	NA	NA	0.007	NA	NA	0.028 J	0.146 J	NA
n-C25 (Pentacosane)	mg/kg	0.031	NA	NA	0.013	NA	NA	0.035 J	0.160 J	NA
n-C26 (Hexacosane)	mg/kg	0.017	NA	NA	0.007 J	NA	NA	0.018 J	0.098 J	NA
n-C27 (Heptacosane)	mg/kg	0.042	NA	NA	0.022	NA	NA	0.052 J	0.229 J	NA
n-C28 (Octacosane)	mg/kg	0.023	NA	NA	0.006 J	NA	NA	0.021 J	0.121 J	NA
n-C29 (Nonacosane)	mg/kg	0.120	NA	NA	0.026	NA	NA	0.117 J	0.655 J	NA
n-C30 (n-Triacontane)	mg/kg	0.026	NA	NA	0.005 J	NA	NA	0.027 J	0.193 J	NA
n-C31 (Hentriacontane)	mg/kg	0.181	NA	NA	0.013 J	NA	NA	0.115 J	0.844 J	NA
n-C32 (Dotriacontane)	mg/kg	0.013	NA	NA	0.002 J	NA	NA	0.014 J	0.064 J	NA
n-C33	mg/kg	0.112	NA	NA	< 0.021 U	NA	NA	0.079 J	1.122 J	NA
n-C34 (Tetratriacontane)	mg/kg	0.007 J	NA	NA	< 0.016 U	NA	NA	0.007 J	0.068 J	NA
n-C35	mg/kg	< 0.015 U	NA	NA	< 0.015 U	NA	NA	< 0.015 U	0.311 J	NA
n-C36 (Hexatriacontane)	mg/kg	< 0.016 U	NA	NA	< 0.016 U	NA	NA	< 0.016 U	0.068 J	NA
n-C37	mg/kg	< 0.017 U	NA	NA	< 0.017 U	NA	NA	< 0.017 U	0.141 J	NA
n-C38 (Octatriacontane)	mg/kg	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	< 0.019 U	NA
n-C39 (Nonatriacontane)	mg/kg	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	< 0.019 U	NA
n-C40 (Tetracontane)	mg/kg	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	< 0.019 U	NA

	Location	SED-DA-005	SED-DA-005	SED-DA-005	SED-DA-006	SED-DA-006	SED-DA-006	SED-DA-007	SED-DA-007	SED-DA-007
	Depths (ft)	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-005(0.0-0.5)	SED-DA-005(0.5-1.0)	SED-DA-005(1.0-1.5)	SED-DA-006(0.0-0.5)	SED-DA-006(0.5-1.0)	SED-DA-006(1.0-1.5)	SED-DA-007(0.0-0.5)	SED-DA-DUP-04-080313FD	SED-DA-007(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
n-C9 (Nonane)	mg/kg	< 0.012 U	NA	NA	< 0.012 U	NA	NA	< 0.012 U	< 0.012 U	NA
Phytane (Hexadecane, 2,6,10,14-tetramethyl-)	mg/kg	0.046	NA	NA	0.003 J	NA	NA	0.069 J	0.483 J	NA
Pristane (2,6,10,14-Tetramethylpentadecane)	mg/kg	0.039	NA	NA	0.003 J	NA	NA	0.052 J	0.417 J	NA
Total Alkanes	mg/kg	0.9	NA	NA	0.2	NA	NA	1.0 J	7.1 J	NA
Total Petroleum Hydrocarbons	mg/kg	59	NA	NA	10	NA	NA	69 J	293 J	NA
Total Resolveable Hydrocarbons	mg/kg	11	NA	NA	3	NA	NA	26 J	81 J	NA
Unresolved Complex Mixture	mg/kg	48	NA	NA	7	NA	NA	43 J	212 J	NA
VOCs										
1,1,1,2-Tetrachloroethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,1,1-Trichloroethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,1,2,2-Tetrachloroethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,1,2-Trichloroethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,1,2-Trichlorotrifluoroethane	ug/kg	< 10 U	< 12 U	< 11 U	< 11 U	< 10 U	< 10 U	< 12 U	< 11 U	< 10 U
1,1-Dichloroethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,1-Dichloroethene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,1-Dichloropropene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2,3-Trichlorobenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2,3-Trichloropropane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2,4-Trichlorobenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2,4-Trimethylbenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2-Dibromo-3-Chloropropane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2-Dibromoethane (EDB)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2-Dichlorobenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2-Dichloroethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,2-Dichloropropane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,3,5-Trimethylbenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,3-Dichlorobenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,3-Dichloropropane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
1,4-Dichlorobenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
2,2-Dichloropropane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
2-Butanone (MEK)	ug/kg	< 10 U	< 12 U	< 11 U	9 J	< 10 U	< 10 U	5 J	7 J	< 10 U
2-Chlorotoluene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
2-Phenylbutane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
4-Chlorotoluene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
4-Methyl-2-pentanone (MIBK)	ug/kg	< 10 U	< 12 U	< 11 U	< 11 U	< 10 U	< 10 U	< 12 U	< 11 U	< 10 U
Acetone	ug/kg	37	< 24 U	11 J	71	12 J	< 20 U	78	96	< 21 U
Allyl chloride	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Benzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	4 J
Bromobenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Bromochloromethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Bromodichloromethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Bromoform (Tribromomethane)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Bromomethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Carbon Tetrachloride	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Chlorobenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Chloroethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Chloroform	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Chloromethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
cis-1,2-Dichloroethene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
cis-1,3-Dichloropropene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Dibromochloromethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Dibromomethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Dichlorodifluoromethane (CFC-12)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U

	Location	SED-DA-005	SED-DA-005	SED-DA-005	SED-DA-006	SED-DA-006	SED-DA-006	SED-DA-007	SED-DA-007	SED-DA-007
	Depths (ft)	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-005(0.0-0.5)	SED-DA-005(0.5-1.0)	SED-DA-005(1.0-1.5)	SED-DA-006(0.0-0.5)	SED-DA-006(0.5-1.0)	SED-DA-006(1.0-1.5)	SED-DA-007(0.0-0.5)	SED-DA-DUP-04-080313FD	SED-DA-007(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Dichlorofluoromethane	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Diethyl ether (Ethyl ether)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Ethylbenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Hexachloro-1,3-Butadiene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Isopropylbenzene (Cumene)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Methylene Chloride (Dichloromethane)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Methyl-tert-butyl ether	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
n-Butylbenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
n-Propylbenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
p-Isopropyltoluene (Cymene)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Styrene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Tert-Butylbenzene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Tetrachloroethene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Tetrahydrofuran	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Toluene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
trans-1,2-Dichloroethene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
trans-1,3-Dichloropropene	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Trichloroethene	ug/kg	3 J	3 J	1 J	2 J	7	4 J	3 J	2 J	3 J
Trichlorofluoromethane (CFC-11)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Vinyl Chloride	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U
Xylene (Total)	ug/kg	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	2 J

	Location	SED-DA-007	SED-DA-008	SED-DA-008	SED-DA-008	SED-DA-009	SED-DA-009	SED-DA-009	SED-DA-010	SED-DA-010
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/2/2013	8/2/2013	8/2/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-007(1.0-1.5)	SED-DA-008(0.0-0.5)	SED-DA-008(0.5-1.0)	SED-DA-008(1.0-1.5)	SED-DA-009(0.0-0.5)	SED-DA-009(0.5-1.0)	SED-DA-009(1.0-1.5)	SED-DA-010(0.0-0.5)	SED-DA-010(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Grain Size										
Sieve 3 inch, % passing	% passing	NA	100	NA	NA	100	NA	NA	100	NA
Sieve 1.5 inch, % passing	% passing	NA	100	NA	NA	100	NA	NA	100	NA
Sieve 0.75 inch, % passing	% passing	NA	100	NA	NA	100	NA	NA	97.3	NA
Sieve, 4750 micron, % passing	% passing	NA	100	NA	NA	99.5	NA	NA	86.9	NA
Sieve, 3350 micron, % passing	% passing	NA	100	NA	NA	99.1	NA	NA	81.6	NA
Sieve, 2360 micron, % passing	% passing	NA	100	NA	NA	98.5	NA	NA	78.3	NA
Sieve, 1180 micron, % passing	% passing	NA	99.3	NA	NA	97.4	NA	NA	76.0	NA
Sieve, 600 micron, % passing	% passing	NA	97.8	NA	NA	95.2	NA	NA	73.8	NA
Sieve, 300 micron, % passing	% passing	NA	96.1	NA	NA	92.8	NA	NA	71.7	NA
Sieve, 150 micron, % passing	% passing	NA	93.0	NA	NA	87.5	NA	NA	62.3	NA
Sieve, 75 micron, % passing	% passing	NA	88.3	NA	NA	79.9	NA	NA	45.2	NA
Sieve, 64 micron, % passing	% passing	NA	86.0	NA	NA	76.0	NA	NA	41.0	NA
Sieve, 50 micron, % passing	% passing	NA	79.0	NA	NA	69.5	NA	NA	35.0	NA
Sieve, 20 micron, % passing	% passing	NA	57.0	NA	NA	46.0	NA	NA	19.0	NA
Sieve, 5 micron, % passing	% passing	NA	23.0	NA	NA	20.0	NA	NA	9.0	NA
Sieve, 2 micron, % passing	% passing	NA	18.0	NA	NA	13.0	NA	NA	7.0	NA
Sieve, 1 micron, % passing	% passing	NA	12.0	NA	NA	8.0	NA	NA	5.0	NA
Metals										
Arsenic	mg/kg	17.3	3.59	3.74	4.16	4.63	3.11	3.04	14.8	24.7
Barium	mg/kg	48.2	48.9	39.5	46.8	65.1	62.1	36.8	64.6	86.7
Cadmium	mg/kg	< 0.551 U	< 0.590 U	< 0.580 U	< 0.553 U	0.152 J	< 0.595 U	0.0984 J	< 0.584 U	< 2.97 U
Chromium	mg/kg	45.1 J	12.9 J	12.3 J	14.8 J	13.3	11.5	11.1	31.4 J	65.0 J
Lead	mg/kg	23.8 J	7.57 J	8.69 J	18.4 J	12.0	10.1	9.14	14.8 J	25.1 J
Mercury	mg/kg	0.0214 J	0.0242 J	0.0307 J	0.0183 J	0.0366 J	0.0333 J	0.0208 J	0.0298 J	0.0353 J
Nickel	mg/kg	11.0	8.16	7.63	8.35	9.39	8.09	6.62	17.3	27.3
Selenium	mg/kg	3.05	1.60 J	1.15 J	1.65 J	< 2.33 U	< 2.38 U	1.01 J	3.39	6.11
Silver	mg/kg	0.429 J	< 0.590 U	< 0.580 U	< 0.553 U	< 0.581 U	< 0.595 U	< 0.572 U	0.470 J	28.7
Vanadium	mg/kg	39.0 J	23.3 J	22.7 J	25.2 J	21.6	20.2	18.8	29.1 J	45.2 J
Other										
Black Carbon	%	NA	< 0.18 U	NA	NA	< 0.19 U	NA	NA	< 0.19 U	NA
Percent Moisture	%	13.6	18.5	14.7	13.1	16.5	15.9	16.0	16.9	18.2
Total Organic Carbon	%	NA	0.25	NA	NA	0.31	NA	NA	0.19	NA
Priority PAHs										
1-Methylnaphthalene	ug/kg	2.64	0.176 J	0.266 J	0.348 J	0.368 J	1.02	0.684	0.882	1.12
2-Methylnaphthalene	ug/kg	5.19	0.383 J	0.736 J	0.917 J	0.772 J	2.01	1.44	1.87	2.00
Acenaphthene	ug/kg	0.179	0.039 J	0.056 J	< 0.1 U	< 0.1 U	0.186	0.15	0.175	0.108
Acenaphthylene	ug/kg	0.253	0.105	0.026 J	< 0.04 U	0.155	0.230	0.07	0.403	0.151
Anthracene	ug/kg	< 0.1 U	0.114 J	0.126	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.689	0.144
Benzo(a)Anthracene	ug/kg	0.939	0.378	0.206	< 0.2 U	0.326	< 0.2 U	< 0.2 U	3.79	0.209
Benzo(a)Pyrene	ug/kg	0.654	0.331 J	0.068 J	< 0.1 U	0.139	< 0.1 U	< 0.1 U	5.88	0.189
Benzo(b)Fluoranthene	ug/kg	2.78	1.49	0.540	< 0.2 U	1.29	0.26	< 0.2 U	13.6	0.659
Benzo(g,h,i)Perylene	ug/kg	1.78	0.418 J	0.183	< 0.1 U	0.325	0.12	< 0.1 U	5.78	0.344
Benzo(j)+(k)Fluoranthene	ug/kg	0.514	0.589	0.243	< 0.1 U	0.417	0.06 J	< 0.1 U	5.35	0.186
Chrysene/Triphenylene	ug/kg	4.00	1.08	0.485	< 0.1 U	1.05	< 0.1 U	< 0.1 U	9.65	0.450
Dibenz(a,h)Anthracene	ug/kg	0.477	0.171	0.059 J	< 0.1 U	0.124	< 0.1 U	< 0.1 U	1.49	0.101
Fluoranthene	ug/kg	2.42	1.28	0.897	0.346	1.06	1.21	0.981	11.5	1.00
Fluorene	ug/kg	3.11	0.461	0.944	1.26	0.549	4.01	3.00	1.62	2.06
Indeno[1,2,3-cd]pyrene	ug/kg	0.870	0.527	0.220	< 0.1 U	0.366	< 0.1 U	< 0.1 U	4.67	0.302
Naphthalene	ug/kg	2.06	< 0.439 UB	< 0.780 UB	1.03	< 0.771 UB	1.74	< 1.16 UB	1.55	1.70
Phenanthrene	ug/kg	10.3	1.66	3.14	2.97	2.23	9.72	7.82	7.16	4.40
Pyrene	ug/kg	3.77	0.736	0.290	0.049 J	0.745	0.225	< 0.14 UB	9.23	0.732
Forensic PAHs										

	Location	SED-DA-007	SED-DA-008	SED-DA-008	SED-DA-008	SED-DA-009	SED-DA-009	SED-DA-009	SED-DA-010	SED-DA-010
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/2/2013	8/2/2013	8/2/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-007(1.0-1.5)	SED-DA-008(0.0-0.5)	SED-DA-008(0.5-1.0)	SED-DA-008(1.0-1.5)	SED-DA-009(0.0-0.5)	SED-DA-009(0.5-1.0)	SED-DA-009(1.0-1.5)	SED-DA-010(0.0-0.5)	SED-DA-010(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Benzo(e)Pyrene	ug/kg	2.49	0.956	0.368	< 0.2 U	0.631	< 0.2 U	< 0.2 U	8.02	0.352
C1-Chrysenes	ug/kg	9.83	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	5.99	0.380
C1-Fluoranthenes/Pyrenes	ug/kg	7.76	0.813	0.408 J	< 0.5 U	0.603	0.335 J	< 0.5 U	7.14	0.664
C1-Fluorenes	ug/kg	7.82	0.257 J	0.300 J	0.345 J	< 0.4 U	1.45	0.938	1.16	0.719
C1-Phenanthrenes/Anthracenes	ug/kg	23.2	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	4.19	3.70	8.38	< 0.1 U
C2-Chrysenes	ug/kg	13.8	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	5.98	< 0.2 U
C2-Fluorenes	ug/kg	21.4	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
C2-Naphthalenes	ug/kg	13.4	0.771	0.805	0.570 J	1.46	3.88	2.25	3.39	3.67
C2-Phenanthrenes/Anthracenes	ug/kg	45.3	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	16.8	< 0.3 U
C3-Chrysenes	ug/kg	9.96	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	4.24	< 0.2 U
C3-Fluorenes	ug/kg	26.7	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
C3-Naphthalenes	ug/kg	21.2	1.04	0.969	0.601 J	1.50	3.45	1.10	6.45	4.30
C3-Phenanthrenes/Anthracenes	ug/kg	42.1	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	17.1	< 0.3 U
C4-Chrysenes	ug/kg	5.00	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	2.86	< 0.2 U
C4-Naphthalenes	ug/kg	23.7	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	3.98	< 0.7 U	6.27	2.47
C4-Phenanthrenes/Anthracenes	ug/kg	29.5	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	13.9	< 0.3 U
Perylene	ug/kg	< 1.3 UBJ	1.34 J	R	R	< 1.27 UBJ	R	R	1.65	0.066 J
Phenanthrene, 2-methyl-	ug/kg	NA	< 0.1 UJ	NA	NA	< 0.1 UJ	NA	NA	2.07 J	NA
1,1-Biphenyl	ug/kg	NA	< 0.342 UB	NA	NA	< 0.831 UB	NA	NA	< 0.802 UB	NA
18a-Oleanane	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
1-Methyldibenzothiophene(1MDT)	ug/kg	NA	0.053 J	NA	NA	0.097	NA	NA	1.29	NA
1-Methylfluorene	ug/kg	NA	0.181 J	NA	NA	< 0.2 U	NA	NA	0.312	NA
1-Methylphenanthrene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	1.54	NA
2,3,5-Trimethylnaphthalene	ug/kg	NA	0.100 J	NA	NA	0.206	NA	NA	0.773	NA
2/3-Methyldibenzothiophene(2MDT)	ug/kg	NA	0.158	NA	NA	0.194	NA	NA	1.62	NA
2-Methylanthracene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	2.87	NA
2-Methylfluoranthene	ug/kg	NA	0.084 J	NA	NA	0.084 J	NA	NA	0.791	NA
3,6-Dimethylphenanthrene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	0.730	NA
3-Methylphenanthrene (3MP)	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	1.53	NA
4-Methyldibenzothiophene(4MDT)	ug/kg	NA	0.109	NA	NA	0.282	NA	NA	2.36	NA
9/4-Methylphenanthrene (9MP)	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	1.72	NA
Benzo(a)Fluoranthene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	1.06	NA
Benzo(b)fluorene	ug/kg	NA	0.098 J	NA	NA	0.069 J	NA	NA	1.00	NA
Benzothiophene	ug/kg	NA	< 0.1 U	NA	NA	0.142	NA	NA	0.076 J	NA
C1-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C1-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C1-Dibenzothiophenes	ug/kg	23.8	0.252	0.369	0.359	0.451	0.800	0.623	4.15	0.358
C1-Naphthalenes	ug/kg	5.08	0.354 J	0.654 J	0.824 J	0.721 J	1.64	1.15	1.74	1.99
C1-Naphthobenzothiophenes	ug/kg	NA	0.850	NA	NA	< 0.3 U	NA	NA	8.01	NA
C20-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C21-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C26(20R)/C27(20S)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C26(20S)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C27(20R)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C28(20R)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C28(20S)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C29-Hopane	ug/kg	NA	4.45	NA	NA	< 0.6 U	NA	NA	22.1	NA
C2-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C2-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C2-Dibenzothiophenes	ug/kg	45.8	0.427	0.610	0.411	0.515	0.883	0.531	10.8	0.490
C2-Fluoranthenes/Pyrenes	ug/kg	12.1	1.58	< 0.5 U	< 0.5 U	1.419	< 0.5 U	< 0.5 U	12.2	0.662
C2-Naphthobenzothiophenes	ug/kg	NA	1.49	NA	NA	< 0.3 U	NA	NA	12.8	NA
C30-Hopane	ug/kg	NA	5.33	NA	NA	< 0.6 U	NA	NA	26.4	NA

	Location	SED-DA-007	SED-DA-008	SED-DA-008	SED-DA-008	SED-DA-009	SED-DA-009	SED-DA-009	SED-DA-010	SED-DA-010
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/2/2013	8/2/2013	8/2/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-007(1.0-1.5)	SED-DA-008(0.0-0.5)	SED-DA-008(0.5-1.0)	SED-DA-008(1.0-1.5)	SED-DA-009(0.0-0.5)	SED-DA-009(0.5-1.0)	SED-DA-009(1.0-1.5)	SED-DA-010(0.0-0.5)	SED-DA-010(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
C3-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C3-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C3-Dibenzothiophenes	ug/kg	57.3	0.882	< 0.2 U	< 0.2 U	0.447	1.03	0.322	17.3	0.593
C3-Fluoranthenes/Pyrenes	ug/kg	6.49	0.777	< 0.5 U	< 0.5 U	0.566	< 0.5 U	< 0.5 U	8.32	0.286 J
C3-Naphthobenzothiophenes	ug/kg	NA	1.32	NA	NA	< 0.3 U	NA	NA	10.1	NA
C4-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C4-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C4-Dibenzothiophenes	ug/kg	35.1	1.21	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	14.0	0.588
C4-Fluoranthenes/Pyrenes	ug/kg	7.01	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	6.51	< 0.5 U
C4-Naphthobenzothiophenes	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	6.60	NA
Carbazole	ug/kg	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	0.265	NA	NA	1.15	NA
cis/trans-Decalin (Decahydronaphthalene)	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
Dibenzofuran	ug/kg	NA	0.407	NA	NA	0.625	NA	NA	1.31	NA
Dibenzothiophene	ug/kg	5.23	0.199	0.309	0.299	0.360	0.909	0.651	1.17	0.501
Naphthalene, 2,6-dimethyl-	ug/kg	NA	0.337	NA	NA	0.603	NA	NA	1.72	NA
Naphthobenzothiophene	ug/kg	NA	0.433	NA	NA	0.366	NA	NA	4.34	NA
Retene	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	0.989	NA
TPH										
EOM (Extracted Organic Material)	mg/kg	NA	49 J	NA	NA	64 J	NA	NA	75 J	NA
i-C15	mg/kg	NA	< 0.016 U	NA	NA	< 0.016 U	NA	NA	< 0.016 U	NA
i-C16	mg/kg	NA	< 0.004 U	NA	NA	< 0.004 U	NA	NA	< 0.004 U	NA
i-C18	mg/kg	NA	< 0.004 U	NA	NA	< 0.004 U	NA	NA	< 0.004 U	NA
n-C10 (n-Decane)	mg/kg	NA	< 0.021 U	NA	NA	< 0.021 U	NA	NA	< 0.021 U	NA
n-C11 (n-Undecane)	mg/kg	NA	< 0.016 U	NA	NA	< 0.016 U	NA	NA	0.004 J	NA
n-C12 (n-Dodecane)	mg/kg	NA	0.009 J	NA	NA	0.007 J	NA	NA	0.018 J	NA
n-C13 (n-Tridecane)	mg/kg	NA	0.002 J	NA	NA	0.002 J	NA	NA	0.008 J	NA
n-C14 (n-Tetradecane)	mg/kg	NA	0.004 J	NA	NA	0.004 J	NA	NA	0.015	NA
n-C15 (Pentadecane)	mg/kg	NA	0.020	NA	NA	0.003 J	NA	NA	0.012 J	NA
n-C16 (n-Hexadecane)	mg/kg	NA	0.010	NA	NA	0.008	NA	NA	0.020	NA
n-C17 (Heptadecane)	mg/kg	NA	0.008	NA	NA	0.005	NA	NA	0.018	NA
n-C18 (Octadecane)	mg/kg	NA	0.011	NA	NA	0.016	NA	NA	0.029	NA
n-C19 (Nonadecane)	mg/kg	NA	0.010	NA	NA	0.010	NA	NA	0.019	NA
n-C20 (Eicosane)	mg/kg	NA	0.003 J	NA	NA	0.002 J	NA	NA	0.006 J	NA
n-C21 (Heneicosane)	mg/kg	NA	0.010	NA	NA	0.010	NA	NA	0.018	NA
n-C22 (Docosane)	mg/kg	NA	0.006	NA	NA	0.005	NA	NA	0.007	NA
n-C23 (Tricosane)	mg/kg	NA	0.010	NA	NA	0.011	NA	NA	0.019	NA
n-C24 (Tetracosane)	mg/kg	NA	0.010	NA	NA	0.009	NA	NA	0.012	NA
n-C25 (Pentacosane)	mg/kg	NA	0.016	NA	NA	0.017	NA	NA	0.028	NA
n-C26 (Hexacosane)	mg/kg	NA	0.010	NA	NA	0.010	NA	NA	0.012	NA
n-C27 (Heptacosane)	mg/kg	NA	0.047	NA	NA	0.026	NA	NA	0.058	NA
n-C28 (Octacosane)	mg/kg	NA	0.011 J	NA	NA	0.012	NA	NA	0.025	NA
n-C29 (Nonacosane)	mg/kg	NA	0.069	NA	NA	0.091	NA	NA	0.203	NA
n-C30 (n-Triacontane)	mg/kg	NA	0.009 J	NA	NA	0.012 J	NA	NA	0.015	NA
n-C31 (Hentriacontane)	mg/kg	NA	0.043	NA	NA	0.050	NA	NA	0.179	NA
n-C32 (Dotriacontane)	mg/kg	NA	0.008 J	NA	NA	0.006 J	NA	NA	0.018	NA
n-C33	mg/kg	NA	0.034	NA	NA	0.048	NA	NA	0.176	NA
n-C34 (Tetratriacontane)	mg/kg	NA	0.003 J	NA	NA	0.003 J	NA	NA	0.005 J	NA
n-C35	mg/kg	NA	< 0.015 U	NA	NA	< 0.015 U	NA	NA	0.042	NA
n-C36 (Hexatriacontane)	mg/kg	NA	< 0.016 U	NA	NA	< 0.016 U	NA	NA	< 0.016 U	NA
n-C37	mg/kg	NA	< 0.017 U	NA	NA	< 0.017 U	NA	NA	< 0.017 U	NA
n-C38 (Octatriacontane)	mg/kg	NA	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	NA
n-C39 (Nonatriacontane)	mg/kg	NA	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	NA
n-C40 (Tetracontane)	mg/kg	NA	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	NA

	Location	SED-DA-007	SED-DA-008	SED-DA-008	SED-DA-008	SED-DA-009	SED-DA-009	SED-DA-009	SED-DA-010	SED-DA-010
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/2/2013	8/2/2013	8/2/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-007(1.0-1.5)	SED-DA-008(0.0-0.5)	SED-DA-008(0.5-1.0)	SED-DA-008(1.0-1.5)	SED-DA-009(0.0-0.5)	SED-DA-009(0.5-1.0)	SED-DA-009(1.0-1.5)	SED-DA-010(0.0-0.5)	SED-DA-010(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
n-C9 (Nonane)	mg/kg	NA	< 0.012 U	NA	NA	< 0.012 U	NA	NA	< 0.012 U	NA
Phytane (Hexadecane, 2,6,10,14-tetramethyl-)	mg/kg	NA	0.003 J	NA	NA	0.003 J	NA	NA	0.021	NA
Pristane (2,6,10,14-Tetramethylpentadecane)	mg/kg	NA	0.005	NA	NA	0.005	NA	NA	0.017	NA
Total Alkanes	mg/kg	NA	0.4	NA	NA	0.4	NA	NA	1.0	NA
Total Petroleum Hydrocarbons	mg/kg	NA	29	NA	NA	51	NA	NA	54	NA
Total Resolveable Hydrocarbons	mg/kg	NA	14	NA	NA	14	NA	NA	8	NA
Unresolved Complex Mixture	mg/kg	NA	15	NA	NA	37	NA	NA	45	NA
VOCs										
1,1,1,2-Tetrachloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,1,1-Trichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,1,2,2-Tetrachloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,1,2-Trichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,1,2-Trichlorotrifluoroethane	ug/kg	< 9 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 13 U
1,1-Dichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,1-Dichloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,1-Dichloropropene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2,3-Trichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2,3-Trichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2,4-Trichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2,4-Trimethylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2-Dibromo-3-Chloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2-Dibromoethane (EDB)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2-Dichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,2-Dichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,3,5-Trimethylbenzene	ug/kg	1 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,3-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,3-Dichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
1,4-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
2,2-Dichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
2-Butanone (MEK)	ug/kg	< 9 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 13 U
2-Chlorotoluene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
2-Phenylbutane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
4-Chlorotoluene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
4-Methyl-2-pentanone (MIBK)	ug/kg	< 9 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 13 U
Acetone	ug/kg	< 18 U	31	18 J	15 J	23	24	8 J	29	< 26 U
Allyl chloride	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Benzene	ug/kg	1 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Bromobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Bromochloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Bromodichloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Bromoform (Tribromomethane)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Bromomethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Carbon Tetrachloride	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Chlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Chloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Chloroform	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Chloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
cis-1,2-Dichloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
cis-1,3-Dichloropropene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Dibromochloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Dibromomethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Dichlorodifluoromethane (CFC-12)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U

	Location	SED-DA-007	SED-DA-008	SED-DA-008	SED-DA-008	SED-DA-009	SED-DA-009	SED-DA-009	SED-DA-010	SED-DA-010
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/2/2013	8/2/2013	8/2/2013	8/3/2013	8/3/2013
	Sample ID	SED-DA-007(1.0-1.5)	SED-DA-008(0.0-0.5)	SED-DA-008(0.5-1.0)	SED-DA-008(1.0-1.5)	SED-DA-009(0.0-0.5)	SED-DA-009(0.5-1.0)	SED-DA-009(1.0-1.5)	SED-DA-010(0.0-0.5)	SED-DA-010(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Dichlorofluoromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Diethyl ether (Ethyl ether)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Ethylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Hexachloro-1,3-Butadiene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Isopropylbenzene (Cumene)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Methylene Chloride (Dichloromethane)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Methyl-tert-butyl ether	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
n-Butylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
n-Propylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
p-Isopropyltoluene (Cymene)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	5 J	< 7 U
Styrene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Tert-Butylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Tetrachloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Tetrahydrofuran	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Toluene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
trans-1,2-Dichloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
trans-1,3-Dichloropropene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Trichloroethene	ug/kg	2 J	2 J	2 J	3 J	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Trichlorofluoromethane (CFC-11)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Vinyl Chloride	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U
Xylene (Total)	ug/kg	1 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 7 U

	Location	SED-DA-010	SED-DA-011	SED-DA-011	SED-DA-011	SED-DA-012	SED-DA-012	SED-DA-012	SED-DA-013	SED-DA-013
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013
	Sample ID	SED-DA-010(1.0-1.5)	SED-DA-011(0.0-0.5)	SED-DA-011(0.5-1.0)	SED-DA-011(1.0-1.5)	SED-DA-012(0.0-0.5)	SED-DA-012(0.5-1.0)	SED-DA-012(1.0-1.5)	SED-DA-013(0.0-0.5)	SED-DA-013(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Grain Size										
Sieve 3 inch, % passing	% passing	NA	100	NA	NA	100	NA	NA	100	NA
Sieve 1.5 inch, % passing	% passing	NA	100	NA	NA	100	NA	NA	100	NA
Sieve 0.75 inch, % passing	% passing	NA	100	NA	NA	100	NA	NA	100	NA
Sieve, 4750 micron, % passing	% passing	NA	86.4	NA	NA	99.9	NA	NA	99.9	NA
Sieve, 3350 micron, % passing	% passing	NA	82.7	NA	NA	99.8	NA	NA	99.7	NA
Sieve, 2360 micron, % passing	% passing	NA	77.7	NA	NA	99.4	NA	NA	99.3	NA
Sieve, 1180 micron, % passing	% passing	NA	76.0	NA	NA	99.3	NA	NA	99.2	NA
Sieve, 600 micron, % passing	% passing	NA	73.4	NA	NA	98.9	NA	NA	99.0	NA
Sieve, 300 micron, % passing	% passing	NA	65.7	NA	NA	97.9	NA	NA	98.6	NA
Sieve, 150 micron, % passing	% passing	NA	52.2	NA	NA	79.6	NA	NA	86.2	NA
Sieve, 75 micron, % passing	% passing	NA	43.3	NA	NA	58.5	NA	NA	66.7	NA
Sieve, 64 micron, % passing	% passing	NA	41.5	NA	NA	54.0	NA	NA	62.5	NA
Sieve, 50 micron, % passing	% passing	NA	36.0	NA	NA	45.0	NA	NA	53.0	NA
Sieve, 20 micron, % passing	% passing	NA	24.0	NA	NA	28.0	NA	NA	31.0	NA
Sieve, 5 micron, % passing	% passing	NA	12.0	NA	NA	12.0	NA	NA	13.0	NA
Sieve, 2 micron, % passing	% passing	NA	8.5	NA	NA	9.0	NA	NA	9.5	NA
Sieve, 1 micron, % passing	% passing	NA	8.0	NA	NA	8.0	NA	NA	7.0	NA
Metals										
Arsenic	mg/kg	26.8	2.74	1.34 J	1.79 J	2.34	3.22	2.78	2.18 J	4.51
Barium	mg/kg	70.5	41.3	36.1	33.5	32.5	28.9	29.8	45.1	43.4
Cadmium	mg/kg	< 2.82 U	< 0.664 U	< 0.565 U	< 0.556 U	< 0.579 U	< 0.570 U	< 0.584 U	< 0.588 U	< 0.564 U
Chromium	mg/kg	42.8 J	12.8 J	9.70 J	10.2 J	9.34 J	11.0 J	10.3 J	9.14 J	10.2 J
Lead	mg/kg	25.8 J	8.04 J	7.32 J	6.41 J	7.29	9.67	6.75	8.55	7.73
Mercury	mg/kg	0.0356 J	0.0250 J	0.0180 J	0.0186 J	0.0154 J	< 0.114 U	0.0156 J	0.0119 J	0.0124 J
Nickel	mg/kg	21.2	5.44	5.10	4.61	5.03	4.96	5.18	4.96	5.47
Selenium	mg/kg	5.86	< 2.66 U	< 2.26 U	< 2.22 U	< 2.32 U	< 2.28 U	< 2.34 U	< 2.35 U	< 2.25 U
Silver	mg/kg	34.3	< 0.664 U	< 0.565 U	< 0.556 U	< 0.579 U	< 0.570 U	< 0.584 U	< 0.588 U	< 0.564 U
Vanadium	mg/kg	39.3 J	16.5 J	12.6 J	12.6 J	14.3	16.2	16.2	12.5	15.9
Other										
Black Carbon	%	NA	< 0.19 U	NA	NA	< 0.2 U	NA	NA	< 0.19 U	NA
Percent Moisture	%	13.8	26.2	15.7	14.3	17.8	14.9	15.3	16.7	15.5
Total Organic Carbon	%	NA	0.17	NA	NA	0.18	NA	NA	0.21	NA
Priority PAHs										
1-Methylnaphthalene	ug/kg	1.11	0.262 J	0.470 J	0.368 J	0.559	0.536 J	0.848	0.669	0.828
2-Methylnaphthalene	ug/kg	2.18	0.496 J	0.844 J	0.706 J	1.12 J	1.49	2.12	1.20 J	1.46
Acenaphthene	ug/kg	0.115	< 0.1 U	0.107	0.082 J	0.040 J	< 0.1 UJ	< 0.1 U	< 0.1 U	0.063 J
Acenaphthylene	ug/kg	0.124	< 0.04 U	0.067	< 0.04 U	0.053	< 0.04 UJ	< 0.04 U	< 0.04 U	0.072
Anthracene	ug/kg	< 0.1 U	< 0.1 U	0.081 J	0.045 J	< 0.1 UJ	< 0.1 U	< 0.1 U	0.048 J	< 0.1 U
Benzo(a)Anthracene	ug/kg	0.077 J	< 0.2 U	0.157 J	0.065 J	0.217	0.082 J	0.089 J	0.084 J	0.103 J
Benzo(a)Pyrene	ug/kg	0.023 J	< 0.1 U	0.116	< 0.1 U	0.079 J	< 0.1 U	< 0.1 U	0.049 J	< 0.1 U
Benzo(b)Fluoranthene	ug/kg	0.268	< 0.2 U	0.273	< 0.2 U	0.745	< 0.2 U	< 0.2 U	0.258	< 0.2 U
Benzo(g,h,i)Perylene	ug/kg	0.097	< 0.1 U	0.140	0.059 J	0.278 J	< 0.1 U	< 0.1 U	0.097	< 0.1 U
Benzo(j)+(k)Fluoranthene	ug/kg	0.052 J	< 0.1 U	0.098 J	< 0.1 U	0.298	< 0.1 U	< 0.1 U	0.081 J	< 0.1 U
Chrysene/Triphenylene	ug/kg	0.162	< 0.1 U	0.165	0.034 J	0.550	0.085 J	0.067 J	0.172	0.073 J
Dibenz(a,h)Anthracene	ug/kg	0.037 J	< 0.1 U	0.040 J	0.041 J	0.084	< 0.1 U	< 0.1 U	0.034 J	< 0.1 U
Fluoranthene	ug/kg	0.690	0.531	0.624	< 0.486 UB	1.24	0.688	0.916	0.493	0.868
Fluorene	ug/kg	2.04	1.16	1.41	1.29	1.26	2.09 J	2.58	1.24	2.54
Indeno[1,2,3-cd]pyrene	ug/kg	0.098	< 0.1 U	0.111	0.041 J	0.290	< 0.1 U	< 0.1 U	0.087	< 0.1 U
Naphthalene	ug/kg	1.84	< 0.653 UB	0.769	0.808	0.903	1.62	1.61	1.32	1.17
Phenanthrene	ug/kg	4.76	3.03	3.35	3.33	3.69	5.23	7.29	2.96	6.42
Pyrene	ug/kg	< 0.260 UB	0.236	< 0.523 UB	< 0.267 UB	0.668	0.052 J	0.076 J	0.492	0.152
Forensic PAHs										

	Location	SED-DA-010	SED-DA-011	SED-DA-011	SED-DA-011	SED-DA-012	SED-DA-012	SED-DA-012	SED-DA-013	SED-DA-013
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013
	Sample ID	SED-DA-010(1.0-1.5)	SED-DA-011(0.0-0.5)	SED-DA-011(0.5-1.0)	SED-DA-011(1.0-1.5)	SED-DA-012(0.0-0.5)	SED-DA-012(0.5-1.0)	SED-DA-012(1.0-1.5)	SED-DA-013(0.0-0.5)	SED-DA-013(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Benzo(e)Pyrene	ug/kg	0.123 J	< 0.2 U	0.170 J	< 0.2 U	0.421	< 0.2 U	< 0.2 U	0.150 J	< 0.2 U
C1-Chrysenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C1-Fluoranthenes/Pyrenes	ug/kg	0.256 J	< 0.5 U	0.243 J	0.086 J	0.235 J	< 0.5 U	< 0.5 U	0.360 J	< 0.5 U
C1-Fluorenes	ug/kg	0.772	0.523	0.510	0.467	0.512	0.523 J	1.01	0.531	0.887
C1-Phenanthrenes/Anthracenes	ug/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	4.16	< 0.1 U	< 0.1 U
C2-Chrysenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C2-Fluorenes	ug/kg	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 U
C2-Naphthalenes	ug/kg	3.15	0.774	2.03	1.35	1.91	1.22 J	2.44	2.72	3.67
C2-Phenanthrenes/Anthracenes	ug/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
C3-Chrysenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C3-Fluorenes	ug/kg	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 U
C3-Naphthalenes	ug/kg	1.99	2.67	4.36	3.84	1.68	< 0.7 UJ	1.73	2.60	4.47
C3-Phenanthrenes/Anthracenes	ug/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
C4-Chrysenes	ug/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C4-Naphthalenes	ug/kg	1.48	< 0.7 U	1.74	< 0.7 U	1.50	< 0.7 UJ	< 0.7 U	< 0.7 U	< 0.7 U
C4-Phenanthrenes/Anthracenes	ug/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
Perylene	ug/kg	0.090 J	0.22 J	0.273 J	0.158 J	< 1.3 UBJ	0.063 J	R	1.03 J	0.235 J
Phenanthrene, 2-methyl-	ug/kg	NA	< 0.1 UJ	NA	NA	< 0.1 UJ	NA	NA	< 0.1 UJ	NA
1,1-Biphenyl	ug/kg	NA	< 0.431 UB	NA	NA	< 0.336 UB	NA	NA	< 0.3 UB	NA
18a-Oleanane	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
1-Methyldibenzothiophene(1MDT)	ug/kg	NA	< 0.1 U	NA	NA	0.142	NA	NA	0.158	NA
1-Methylfluorene	ug/kg	NA	0.218	NA	NA	0.292	NA	NA	0.328	NA
1-Methylphenanthrene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
2,3,5-Trimethylnaphthalene	ug/kg	NA	0.174	NA	NA	0.187	NA	NA	0.323	NA
2/3-Methyldibenzothiophene(2MDT)	ug/kg	NA	< 0.1 U	NA	NA	0.112	NA	NA	0.144	NA
2-Methylanthracene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
2-Methylfluoranthene	ug/kg	NA	< 0.2 U	NA	NA	0.054 J	NA	NA	0.032 J	NA
3,6-Dimethylphenanthrene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
3-Methylphenanthrene (3MP)	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
4-Methyldibenzothiophene(4MDT)	ug/kg	NA	< 0.1 U	NA	NA	0.212	NA	NA	0.202	NA
9/4-Methylphenanthrene (9MP)	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
Benzo(a)Fluoranthene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
Benzo(b)fluorene	ug/kg	NA	< 0.1 U	NA	NA	0.044 J	NA	NA	0.029 J	NA
Benzothiophene	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
C1-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C1-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C1-Dibenzothiophenes	ug/kg	0.351	< 0.1 U	0.111	0.091	0.401	0.369	0.575	0.434	0.434
C1-Naphthalenes	ug/kg	2.11	0.409 J	0.841 J	0.688 J	1.09	1.25	1.83	1.21	1.40
C1-Naphthobenzothiophenes	ug/kg	NA	< 0.3 U	NA	NA	0.337	NA	NA	0.380	NA
C20-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C21-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C26(20R)/C27(20S)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C26(20S)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C27(20R)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C28(20R)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C28(20S)-TAS	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C29-Hopane	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA
C2-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C2-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C2-Dibenzothiophenes	ug/kg	0.413	< 0.2 U	0.148 J	0.126 J	0.433	0.322	0.466	0.445	0.372
C2-Fluoranthenes/Pyrenes	ug/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	0.398 J	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
C2-Naphthobenzothiophenes	ug/kg	NA	< 0.3 U	NA	NA	0.452	NA	NA	0.647	NA
C30-Hopane	ug/kg	NA	< 0.6 U	NA	NA	< 0.6 U	NA	NA	< 0.6 U	NA

	Location	SED-DA-010	SED-DA-011	SED-DA-011	SED-DA-011	SED-DA-012	SED-DA-012	SED-DA-012	SED-DA-013	SED-DA-013
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013
	Sample ID	SED-DA-010(1.0-1.5)	SED-DA-011(0.0-0.5)	SED-DA-011(0.5-1.0)	SED-DA-011(1.0-1.5)	SED-DA-012(0.0-0.5)	SED-DA-012(0.5-1.0)	SED-DA-012(1.0-1.5)	SED-DA-013(0.0-0.5)	SED-DA-013(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
C3-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C3-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C3-Dibenzothiophenes	ug/kg	0.325	< 0.2 U	0.156 J	0.092 J	0.292	< 0.2 U	0.316	0.501	0.342
C3-Fluoranthenes/Pyrenes	ug/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	0.140 J	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
C3-Naphthobenzothiophenes	ug/kg	NA	< 0.3 U	NA	NA	0.429	NA	NA	0.477	NA
C4-Benzo(b)thiophenes	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
C4-Decalins	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
C4-Dibenzothiophenes	ug/kg	0.154 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
C4-Fluoranthenes/Pyrenes	ug/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
C4-Naphthobenzothiophenes	ug/kg	NA	< 0.3 U	NA	NA	< 0.3 U	NA	NA	< 0.3 U	NA
Carbazole	ug/kg	NA	0.073 J	NA	NA	0.047 J	NA	NA	0.044 J	NA
cis/trans-Decalin (Decahydronaphthalene)	ug/kg	NA	< 0.1 U	NA	NA	< 0.1 U	NA	NA	< 0.1 U	NA
Dibenzofuran	ug/kg	NA	1.01	NA	NA	0.958	NA	NA	0.818	NA
Dibenzothiophene	ug/kg	0.479	0.162	0.182	0.157	0.419	0.406	0.589	0.341	0.469
Naphthalene, 2,6-dimethyl-	ug/kg	NA	0.359	NA	NA	0.955	NA	NA	1.14	NA
Naphthobenzothiophene	ug/kg	NA	< 0.1 U	NA	NA	0.353	NA	NA	0.368	NA
Retene	ug/kg	NA	< 0.2 U	NA	NA	< 0.2 U	NA	NA	< 0.2 U	NA
TPH										
EOM (Extracted Organic Material)	mg/kg	NA	30 J	NA	NA	50 J	NA	NA	32 J	NA
i-C15	mg/kg	NA	0.006 J	NA	NA	0.007 J	NA	NA	< 0.016 U	NA
i-C16	mg/kg	NA	0.019	NA	NA	0.002 J	NA	NA	< 0.004 U	NA
i-C18	mg/kg	NA	0.006	NA	NA	0.006	NA	NA	< 0.004 U	NA
n-C10 (n-Decane)	mg/kg	NA	< 0.021 U	NA	NA	< 0.021 U	NA	NA	< 0.021 U	NA
n-C11 (n-Undecane)	mg/kg	NA	0.004 J	NA	NA	< 0.016 U	NA	NA	< 0.016 U	NA
n-C12 (n-Dodecane)	mg/kg	NA	0.012 J	NA	NA	0.018 J	NA	NA	0.013 J	NA
n-C13 (n-Tridecane)	mg/kg	NA	0.007 J	NA	NA	0.009 J	NA	NA	0.007 J	NA
n-C14 (n-Tetradecane)	mg/kg	NA	0.013	NA	NA	0.017	NA	NA	0.011 J	NA
n-C15 (Pentadecane)	mg/kg	NA	0.003 J	NA	NA	0.008 J	NA	NA	0.004 J	NA
n-C16 (n-Hexadecane)	mg/kg	NA	0.017	NA	NA	0.023	NA	NA	0.021	NA
n-C17 (Heptadecane)	mg/kg	NA	0.008	NA	NA	0.062	NA	NA	0.005	NA
n-C18 (Octadecane)	mg/kg	NA	0.012	NA	NA	0.014	NA	NA	0.012	NA
n-C19 (Nonadecane)	mg/kg	NA	0.006	NA	NA	0.010	NA	NA	0.006	NA
n-C20 (Eicosane)	mg/kg	NA	0.003 J	NA	NA	0.003 J	NA	NA	0.002 J	NA
n-C21 (Heneicosane)	mg/kg	NA	0.003 J	NA	NA	0.012	NA	NA	0.004 J	NA
n-C22 (Docosane)	mg/kg	NA	0.005	NA	NA	0.004	NA	NA	0.004	NA
n-C23 (Tricosane)	mg/kg	NA	0.007 J	NA	NA	0.007 J	NA	NA	0.005 J	NA
n-C24 (Tetracosane)	mg/kg	NA	0.006	NA	NA	0.006	NA	NA	0.005 J	NA
n-C25 (Pentacosane)	mg/kg	NA	0.008	NA	NA	0.009	NA	NA	0.010	NA
n-C26 (Hexacosane)	mg/kg	NA	0.010	NA	NA	0.005 J	NA	NA	0.005 J	NA
n-C27 (Heptacosane)	mg/kg	NA	0.012	NA	NA	0.015	NA	NA	0.012	NA
n-C28 (Octacosane)	mg/kg	NA	0.022	NA	NA	0.005 J	NA	NA	0.005 J	NA
n-C29 (Nonacosane)	mg/kg	NA	0.028	NA	NA	0.021 J	NA	NA	0.035	NA
n-C30 (n-Triacontane)	mg/kg	NA	0.021	NA	NA	0.004 J	NA	NA	0.006 J	NA
n-C31 (Hentriacontane)	mg/kg	NA	0.014 J	NA	NA	0.019	NA	NA	0.021	NA
n-C32 (Dotriacontane)	mg/kg	NA	0.013	NA	NA	0.003 J	NA	NA	0.029	NA
n-C33	mg/kg	NA	0.011 J	NA	NA	0.015 J	NA	NA	0.072	NA
n-C34 (Tetratriacontane)	mg/kg	NA	0.010 J	NA	NA	0.002 J	NA	NA	0.010 J	NA
n-C35	mg/kg	NA	0.009 J	NA	NA	0.005 J	NA	NA	0.031	NA
n-C36 (Hexatriacontane)	mg/kg	NA	0.007 J	NA	NA	< 0.016 U	NA	NA	< 0.016 U	NA
n-C37	mg/kg	NA	0.006 J	NA	NA	< 0.017 U	NA	NA	< 0.017 U	NA
n-C38 (Octatriacontane)	mg/kg	NA	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	NA
n-C39 (Nonatriacontane)	mg/kg	NA	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	NA
n-C40 (Tetracontane)	mg/kg	NA	< 0.019 U	NA	NA	< 0.019 U	NA	NA	< 0.019 U	NA

	Location	SED-DA-010	SED-DA-011	SED-DA-011	SED-DA-011	SED-DA-012	SED-DA-012	SED-DA-012	SED-DA-013	SED-DA-013
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013
	Sample ID	SED-DA-010(1.0-1.5)	SED-DA-011(0.0-0.5)	SED-DA-011(0.5-1.0)	SED-DA-011(1.0-1.5)	SED-DA-012(0.0-0.5)	SED-DA-012(0.5-1.0)	SED-DA-012(1.0-1.5)	SED-DA-013(0.0-0.5)	SED-DA-013(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
n-C9 (Nonane)	mg/kg	NA	< 0.012 U	NA	NA	< 0.012 U	NA	NA	< 0.012 U	NA
Phytane (Hexadecane, 2,6,10,14-tetramethyl-)	mg/kg	NA	0.003 J	NA	NA	0.004 J	NA	NA	< 0.006 U	NA
Pristane (2,6,10,14-Tetramethylpentadecane)	mg/kg	NA	0.006	NA	NA	0.001 J	NA	NA	< 0.003 U	NA
Total Alkanes	mg/kg	NA	0.3	NA	NA	0.3	NA	NA	0.3	NA
Total Petroleum Hydrocarbons	mg/kg	NA	19	NA	NA	12.5	NA	NA	5.10	NA
Total Resolveable Hydrocarbons	mg/kg	NA	1.9	NA	NA	3.02	NA	NA	3.24	NA
Unresolved Complex Mixture	mg/kg	NA	17	NA	NA	9.51	NA	NA	1.86	NA
VOCs										
1,1,1,2-Tetrachloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,1,1-Trichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,1,2,2-Tetrachloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,1,2-Trichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,1,2-Trichlorotrifluoroethane	ug/kg	< 9 U	< 10 U	< 9 U	< 9 U	< 10 U	< 10 U	< 9 U	< 12 U	< 9 U
1,1-Dichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,1-Dichloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,1-Dichloropropene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2,3-Trichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2,3-Trichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2,4-Trichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2,4-Trimethylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2-Dibromo-3-Chloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2-Dibromoethane (EDB)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2-Dichloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,2-Dichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,3,5-Trimethylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,3-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,3-Dichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
1,4-Dichlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
2,2-Dichloropropane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
2-Butanone (MEK)	ug/kg	< 9 U	< 10 U	< 9 U	< 9 U	4 J	< 10 U	< 9 U	< 12 U	< 9 U
2-Chlorotoluene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
2-Phenylbutane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
4-Chlorotoluene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
4-Methyl-2-pentanone (MIBK)	ug/kg	< 9 U	< 10 U	< 9 U	< 9 U	< 10 U	< 10 U	< 9 U	< 12 U	< 9 U
Acetone	ug/kg	16 J	11 J	< 18 U	< 18 U	71	37	29	17 J	< 19 U
Allyl chloride	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Benzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Bromobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Bromochloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Bromodichloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Bromoform (Tribromomethane)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Bromomethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Carbon Tetrachloride	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Chlorobenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Chloroethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Chloroform	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Chloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
cis-1,2-Dichloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
cis-1,3-Dichloropropene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Dibromochloromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Dibromomethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Dichlorodifluoromethane (CFC-12)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U

	Location	SED-DA-010	SED-DA-011	SED-DA-011	SED-DA-011	SED-DA-012	SED-DA-012	SED-DA-012	SED-DA-013	SED-DA-013
	Depths (ft)	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft	1-1.5 ft	0-0.5 ft	0.5-1 ft
	Sample Date	8/3/2013	8/3/2013	8/3/2013	8/3/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013	8/4/2013
	Sample ID	SED-DA-010(1.0-1.5)	SED-DA-011(0.0-0.5)	SED-DA-011(0.5-1.0)	SED-DA-011(1.0-1.5)	SED-DA-012(0.0-0.5)	SED-DA-012(0.5-1.0)	SED-DA-012(1.0-1.5)	SED-DA-013(0.0-0.5)	SED-DA-013(0.5-1.0)
	Validation Level	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II	Tier II
Chemical	**Units**									
Dichlorofluoromethane	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Diethyl ether (Ethyl ether)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Ethylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Hexachloro-1,3-Butadiene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Isopropylbenzene (Cumene)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Methylene Chloride (Dichloromethane)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Methyl-tert-butyl ether	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
n-Butylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
n-Propylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
p-Isopropyltoluene (Cymene)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Styrene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Tert-Butylbenzene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Tetrachloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Tetrahydrofuran	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Toluene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
trans-1,2-Dichloroethene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
trans-1,3-Dichloropropene	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Trichloroethene	ug/kg	3 J	< 5 U	2 J	2 J	< 5 UB	< 5 UB	< 5 UB	< 6 UB	< 5 U
Trichlorofluoromethane (CFC-11)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Vinyl Chloride	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U
Xylene (Total)	ug/kg	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U

	Location	SED-DA-013
	Depths (ft)	1-1.5 ft
	Sample Date	8/4/2013
	Sample ID	SED-DA-013(1.0-1.5)
	Validation Level	Tier II
Chemical	**Units**	
Grain Size		
Sieve 3 inch, % passing	% passing	NA
Sieve 1.5 inch, % passing	% passing	NA
Sieve 0.75 inch, % passing	% passing	NA
Sieve, 4750 micron, % passing	% passing	NA
Sieve, 3350 micron, % passing	% passing	NA
Sieve, 2360 micron, % passing	% passing	NA
Sieve, 1180 micron, % passing	% passing	NA
Sieve, 600 micron, % passing	% passing	NA
Sieve, 300 micron, % passing	% passing	NA
Sieve, 150 micron, % passing	% passing	NA
Sieve, 75 micron, % passing	% passing	NA
Sieve, 64 micron, % passing	% passing	NA
Sieve, 50 micron, % passing	% passing	NA
Sieve, 20 micron, % passing	% passing	NA
Sieve, 5 micron, % passing	% passing	NA
Sieve, 2 micron, % passing	% passing	NA
Sieve, 1 micron, % passing	% passing	NA
Metals		
Arsenic	mg/kg	3.30
Barium	mg/kg	51.3
Cadmium	mg/kg	< 0.579 U
Chromium	mg/kg	12.1 J
Lead	mg/kg	7.95
Mercury	mg/kg	< 0.114 U
Nickel	mg/kg	7.12
Selenium	mg/kg	< 2.32 U
Silver	mg/kg	< 0.579 U
Vanadium	mg/kg	18.7
Other		
Black Carbon	%	NA
Percent Moisture	%	16.2
Total Organic Carbon	%	NA
Priority PAHs		
1-Methylnaphthalene	ug/kg	0.83
2-Methylnaphthalene	ug/kg	1.93
Acenaphthene	ug/kg	0.25
Acenaphthylene	ug/kg	0.05
Anthracene	ug/kg	< 0.1 U
Benzo(a)Anthracene	ug/kg	0.063 J
Benzo(a)Pyrene	ug/kg	< 0.1 U
Benzo(b)Fluoranthene	ug/kg	< 0.2 U
Benzo(g,h,i)Perylene	ug/kg	< 0.1 U
Benzo(j)+(k)Fluoranthene	ug/kg	< 0.1 U
Chrysene/Triphenylene	ug/kg	0.032 J
Dibenz(a,h)Anthracene	ug/kg	< 0.1 U
Fluoranthene	ug/kg	1.85
Fluorene	ug/kg	5.57
Indeno[1,2,3-cd]pyrene	ug/kg	< 0.1 U
Naphthalene	ug/kg	1.23
Phenanthrene	ug/kg	14.9
Pyrene	ug/kg	0.048 J
Forensic PAHs		

	Location	SED-DA-013
	Depths (ft)	1-1.5 ft
	Sample Date	8/4/2013
	Sample ID	SED-DA-013(1.0-1.5)
	Validation Level	Tier II
Chemical	**Units**	
Benzo(e)Pyrene	ug/kg	< 0.2 U
C1-Chrysenes	ug/kg	< 0.2 U
C1-Fluoranthenes/Pyrenes	ug/kg	< 0.5 U
C1-Fluorenes	ug/kg	1.80
C1-Phenanthrenes/Anthracenes	ug/kg	5.23
C2-Chrysenes	ug/kg	< 0.2 U
C2-Fluorenes	ug/kg	< 0.4 U
C2-Naphthalenes	ug/kg	3.39
C2-Phenanthrenes/Anthracenes	ug/kg	< 0.3 U
C3-Chrysenes	ug/kg	< 0.2 U
C3-Fluorenes	ug/kg	< 0.4 U
C3-Naphthalenes	ug/kg	2.04
C3-Phenanthrenes/Anthracenes	ug/kg	< 0.3 U
C4-Chrysenes	ug/kg	< 0.2 U
C4-Naphthalenes	ug/kg	< 0.7 U
C4-Phenanthrenes/Anthracenes	ug/kg	< 0.3 U
Perylene	ug/kg	R
Phenanthrene, 2-methyl-	ug/kg	NA
1,1-Biphenyl	ug/kg	NA
18a-Oleanane	ug/kg	NA
1-Methyldibenzothiophene(1MDT)	ug/kg	NA
1-Methylfluorene	ug/kg	NA
1-Methylphenanthrene	ug/kg	NA
2,3,5-Trimethylnaphthalene	ug/kg	NA
2/3-Methyldibenzothiophene(2MDT)	ug/kg	NA
2-Methylanthracene	ug/kg	NA
2-Methylfluoranthene	ug/kg	NA
3,6-Dimethylphenanthrene	ug/kg	NA
3-Methylphenanthrene (3MP)	ug/kg	NA
4-Methyldibenzothiophene(4MDT)	ug/kg	NA
9/4-Methylphenanthrene (9MP)	ug/kg	NA
Benzo(a)Fluoranthene	ug/kg	NA
Benzo(b)fluorene	ug/kg	NA
Benzothiophene	ug/kg	NA
C1-Benzo(b)thiophenes	ug/kg	NA
C1-Decalins	ug/kg	NA
C1-Dibenzothiophenes	ug/kg	0.507
C1-Naphthalenes	ug/kg	1.70
C1-Naphthobenzothiophenes	ug/kg	NA
C20-TAS	ug/kg	NA
C21-TAS	ug/kg	NA
C26(20R)/C27(20S)-TAS	ug/kg	NA
C26(20S)-TAS	ug/kg	NA
C27(20R)-TAS	ug/kg	NA
C28(20R)-TAS	ug/kg	NA
C28(20S)-TAS	ug/kg	NA
C29-Hopane	ug/kg	NA
C2-Benzo(b)thiophenes	ug/kg	NA
C2-Decalins	ug/kg	NA
C2-Dibenzothiophenes	ug/kg	0.595
C2-Fluoranthenes/Pyrenes	ug/kg	< 0.5 U
C2-Naphthobenzothiophenes	ug/kg	NA
C30-Hopane	ug/kg	NA

	Location Depths (ft) Sample Date Sample ID Validation Level	SED-DA-013 1-1.5 ft 8/4/2013 SED-DA-013(1.0-1.5) Tier II
Chemical	**Units**	
C3-Benzo(b)thiophenes	ug/kg	NA
C3-Decalins	ug/kg	NA
C3-Dibenzothiophenes	ug/kg	< 0.2 U
C3-Fluoranthenes/Pyrenes	ug/kg	< 0.5 U
C3-Naphthobenzothiophenes	ug/kg	NA
C4-Benzo(b)thiophenes	ug/kg	NA
C4-Decalins	ug/kg	NA
C4-Dibenzothiophenes	ug/kg	< 0.2 U
C4-Fluoranthenes/Pyrenes	ug/kg	< 0.5 U
C4-Naphthobenzothiophenes	ug/kg	NA
Carbazole	ug/kg	NA
cis/trans-Decalin (Decahydronaphthalene)	ug/kg	NA
Dibenzofuran	ug/kg	NA
Dibenzothiophene	ug/kg	0.621
Naphthalene, 2,6-dimethyl-	ug/kg	NA
Naphthobenzothiophene	ug/kg	NA
Retene	ug/kg	NA
TPH		
EOM (Extracted Organic Material)	mg/kg	NA
i-C15	mg/kg	NA
i-C16	mg/kg	NA
i-C18	mg/kg	NA
n-C10 (n-Decane)	mg/kg	NA
n-C11 (n-Undecane)	mg/kg	NA
n-C12 (n-Dodecane)	mg/kg	NA
n-C13 (n-Tridecane)	mg/kg	NA
n-C14 (n-Tetradecane)	mg/kg	NA
n-C15 (Pentadecane)	mg/kg	NA
n-C16 (n-Hexadecane)	mg/kg	NA
n-C17 (Heptadecane)	mg/kg	NA
n-C18 (Octadecane)	mg/kg	NA
n-C19 (Nonadecane)	mg/kg	NA
n-C20 (Eicosane)	mg/kg	NA
n-C21 (Heneicosane)	mg/kg	NA
n-C22 (Docosane)	mg/kg	NA
n-C23 (Tricosane)	mg/kg	NA
n-C24 (Tetracosane)	mg/kg	NA
n-C25 (Pentacosane)	mg/kg	NA
n-C26 (Hexacosane)	mg/kg	NA
n-C27 (Heptacosane)	mg/kg	NA
n-C28 (Octacosane)	mg/kg	NA
n-C29 (Nonacosane)	mg/kg	NA
n-C30 (n-Triacontane)	mg/kg	NA
n-C31 (Hentriacontane)	mg/kg	NA
n-C32 (Dotriacontane)	mg/kg	NA
n-C33	mg/kg	NA
n-C34 (Tetratriacontane)	mg/kg	NA
n-C35	mg/kg	NA
n-C36 (Hexatriacontane)	mg/kg	NA
n-C37	mg/kg	NA
n-C38 (Octatriacontane)	mg/kg	NA
n-C39 (Nonatriacontane)	mg/kg	NA
n-C40 (Tetracontane)	mg/kg	NA

	Location	**SED-DA-013**
	Depths (ft)	**1-1.5 ft**
	Sample Date	**8/4/2013**
	Sample ID	**SED-DA-013(1.0-1.5)**
	Validation Level	**Tier II**
Chemical	**Units**	
n-C9 (Nonane)	mg/kg	NA
Phytane (Hexadecane, 2,6,10,14-tetramethyl-)	mg/kg	NA
Pristane (2,6,10,14-Tetramethylpentadecane)	mg/kg	NA
Total Alkanes	mg/kg	NA
Total Petroleum Hydrocarbons	mg/kg	NA
Total Resolveable Hydrocarbons	mg/kg	NA
Unresolved Complex Mixture	mg/kg	NA
VOCs		
1,1,1,2-Tetrachloroethane	ug/kg	< 5 U
1,1,1-Trichloroethane	ug/kg	< 5 U
1,1,2,2-Tetrachloroethane	ug/kg	< 5 U
1,1,2-Trichloroethane	ug/kg	< 5 U
1,1,2-Trichlorotrifluoroethane	ug/kg	< 11 U
1,1-Dichloroethane	ug/kg	< 5 U
1,1-Dichloroethene	ug/kg	< 5 U
1,1-Dichloropropene	ug/kg	< 5 U
1,2,3-Trichlorobenzene	ug/kg	< 5 U
1,2,3-Trichloropropane	ug/kg	< 5 U
1,2,4-Trichlorobenzene	ug/kg	< 5 U
1,2,4-Trimethylbenzene	ug/kg	< 5 U
1,2-Dibromo-3-Chloropropane	ug/kg	< 5 U
1,2-Dibromoethane (EDB)	ug/kg	< 5 U
1,2-Dichlorobenzene	ug/kg	< 5 U
1,2-Dichloroethane	ug/kg	< 5 U
1,2-Dichloropropane	ug/kg	< 5 U
1,3,5-Trimethylbenzene	ug/kg	< 5 U
1,3-Dichlorobenzene	ug/kg	< 5 U
1,3-Dichloropropane	ug/kg	< 5 U
1,4-Dichlorobenzene	ug/kg	< 5 U
2,2-Dichloropropane	ug/kg	< 5 U
2-Butanone (MEK)	ug/kg	< 11 U
2-Chlorotoluene	ug/kg	< 5 U
2-Phenylbutane	ug/kg	< 5 U
4-Chlorotoluene	ug/kg	< 5 U
4-Methyl-2-pentanone (MIBK)	ug/kg	< 11 U
Acetone	ug/kg	15 J
Allyl chloride	ug/kg	< 5 U
Benzene	ug/kg	< 5 U
Bromobenzene	ug/kg	< 5 U
Bromochloromethane	ug/kg	< 5 U
Bromodichloromethane	ug/kg	< 5 U
Bromoform (Tribromomethane)	ug/kg	< 5 U
Bromomethane	ug/kg	< 5 U
Carbon Tetrachloride	ug/kg	< 5 U
Chlorobenzene	ug/kg	< 5 U
Chloroethane	ug/kg	< 5 U
Chloroform	ug/kg	< 5 U
Chloromethane	ug/kg	< 5 U
cis-1,2-Dichloroethene	ug/kg	< 5 U
cis-1,3-Dichloropropene	ug/kg	< 5 U
Dibromochloromethane	ug/kg	< 5 U
Dibromomethane	ug/kg	< 5 U
Dichlorodifluoromethane (CFC-12)	ug/kg	< 5 U

	Location	**SED-DA-013**
	Depths (ft)	**1-1.5 ft**
	Sample Date	**8/4/2013**
	Sample ID	**SED-DA-013(1.0-1.5)**
	Validation Level	**Tier II**
Chemical	**Units**	
Dichlorofluoromethane	ug/kg	< 5 U
Diethyl ether (Ethyl ether)	ug/kg	< 5 U
Ethylbenzene	ug/kg	< 5 U
Hexachloro-1,3-Butadiene	ug/kg	< 5 U
Isopropylbenzene (Cumene)	ug/kg	< 5 U
Methylene Chloride (Dichloromethane)	ug/kg	< 5 U
Methyl-tert-butyl ether	ug/kg	< 5 U
n-Butylbenzene	ug/kg	< 5 U
n-Propylbenzene	ug/kg	< 5 U
p-Isopropyltoluene (Cymene)	ug/kg	< 5 U
Styrene	ug/kg	< 5 U
Tert-Butylbenzene	ug/kg	< 5 U
Tetrachloroethene	ug/kg	< 5 U
Tetrahydrofuran	ug/kg	< 5 U
Toluene	ug/kg	< 5 U
trans-1,2-Dichloroethene	ug/kg	< 5 U
trans-1,3-Dichloropropene	ug/kg	< 5 U
Trichloroethene	ug/kg	< 5 UB
Trichlorofluoromethane (CFC-11)	ug/kg	< 5 U
Vinyl Chloride	ug/kg	< 5 U
Xylene (Total)	ug/kg	< 5 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.