



Sample Results Comparison with New Jersey Impact to Groundwater Soil Remediation Standards.

LOCATION SAMPLING DATE LAB SAMPLE ID	NCICWS	Units	S1 30-SEP-13 L1319383-01	S2 30-SEP-13 L1319383-02	S3 30-SEP-13 L1319383-03	S4 30-SEP-13 L1319383-04	S5 30-SEP-13 L1319383-05	S6 30-SEP-13 L1319383-06	S7 30-SEP-13 L1319383-07	S8 30-SEP-13 L1319383-08	S9 30-SEP-13 L1319383-09	S10 30-SEP-13 L1319383-10
General Chemistry - Westborough Lab												
Sulfide, Total		%	96.8	96.9	96.1	91.6	96.6	91.9	94.7	96.2	88.4	96.1
Pesticides by GC/MS/SEM - Westborough Lab												
2-Chloronaphthalene	5	mg/kg	1.4	U	U	U	U	U	U	U	U	U
2-Methylnaphthalene	74	mg/kg	5.2	U	U	U	U	U	U	U	U	U
Acenaphthene	1500	mg/kg	26	J	U	U	U	U	U	U	U	U
Acenaphthylene	45	mg/kg	1.1	U	U	U	U	U	U	U	U	U
Anthracene	95	mg/kg	95	U	U	U	U	U	U	U	U	U
Benzo[a]anthracene	0.2	mg/kg	78	U	U	U	U	U	U	U	U	U
Benzo[b]fluoranthene	2	mg/kg	97	U	U	U	U	U	U	U	U	U
Benzo[k]fluoranthene	16	mg/kg	52	U	U	U	U	U	U	U	U	U
Chrysene	52	mg/kg	86	U	U	U	U	U	U	U	U	U
Dibenz[a,h]anthracene	0.5	mg/kg	15	U	U	U	U	U	U	U	U	U
Fluorene	840	mg/kg	220	U	U	U	U	U	U	U	U	U
Fluoranthene	110	mg/kg	23	U	U	U	U	U	U	U	U	U
Indeno[1,2,3-cd]pyrene	5	mg/kg	47	U	U	U	U	U	U	U	U	U
Naphthalene	16	mg/kg	16	U	U	U	U	U	U	U	U	U
Phenanthrene	550	mg/kg	160	U	U	U	U	U	U	U	U	U
Pyrene	550	mg/kg	160	U	U	U	U	U	U	U	U	U
Polychlorinated Biphenyls by GC - Westborough Lab												
Aroclor 1016	0.2	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Aroclor 1211	0.2	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Aroclor 1232	0.2	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Aroclor 1242	0.2	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Aroclor 1248	0.2	mg/kg	206	U	U	U	U	U	U	U	U	U
Aroclor 1254	0.2	mg/kg	283	U	U	U	U	U	U	U	U	U
Aroclor 1260	0.2	mg/kg	93.9	U	U	U	U	U	U	U	U	U
Aroclor 1262	0.2	mg/kg	12.7	U	U	U	U	U	U	U	U	U
Aroclor 1268	0.2	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Pesticides by GC - Westborough Lab												
4,4'-DDB	3	mg/kg	312.6	U	U	U	U	U	U	U	U	U
4,4'-DBE	12	mg/kg	32.6	U	U	U	U	U	U	U	U	U
4,4'-DDT	7	mg/kg	32.6	U	U	U	U	U	U	U	U	U
Aldrin	0.1	mg/kg	32.6	U	U	U	U	U	U	U	U	U
Alpha-BHC	0.002	mg/kg	32.6	U	U	U	U	U	U	U	U	U
Beta-BHC	0.002	mg/kg	32.6	U	U	U	U	U	U	U	U	U
Gamma-BHC	0.03	mg/kg	32.6	U	U	U	U	U	U	U	U	U
Delta-BHC	0.003	mg/kg	32.6	U	U	U	U	U	U	U	U	U
Dieldrin	0.003	mg/kg	32.6	U	U	U	U	U	U	U	U	U
Endosulfan I	2	mg/kg	11.6	U	U	U	U	U	U	U	U	U
Endosulfan II	2	mg/kg	12.6	U	U	U	U	U	U	U	U	U
Endosulfan sulfate	1	mg/kg	33.5	U	U	U	U	U	U	U	U	U
Endrin	0.6	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Endrin aldehyde	1	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Endrin ketone	0.3	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Heptachlor	0.009	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Heptachlor epoxide	0.002	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Lindane	100	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Methoxychlor	0.2	mg/kg	32.8	U	U	U	U	U	U	U	U	U
Toxaphene	0.2	mg/kg	32.8	U	U	U	U	U	U	U	U	U
trans-Chlordane	0.03	mg/kg	32.8	U	U	U	U	U	U	U	U	U

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S11	30-SEP-13	L1319383-11	Qual	87.9	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S12	30-SEP-13	L1319383-12	Qual	95	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S13	30-SEP-13	L1319383-13	Qual	86.3	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S14	30-SEP-13	L1319383-14	Qual	86.3	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S15	30-SEP-13	L1319383-15	Qual	87	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S16	30-SEP-13	L1319383-16	Qual	89	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S17	30-SEP-13	L1319383-17	Qual	88.4	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S18	30-SEP-13	L1319383-18	Qual	91.2	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S19	30-SEP-13	L1319383-19	Qual	86.9	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S20	30-SEP-13	L1319383-20	Qual	89.1	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S21	30-SEP-13	L1319383-21	Qual	87.3	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S22	30-SEP-13	L1319383-22	Qual	88.8	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S23	30-SEP-13	L1319383-23	Qual	87.7	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S11	30-SEP-13	L1319383-11	Qual	87.9	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S12	30-SEP-13	L1319383-12	Qual	95	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S13	30-SEP-13	L1319383-13	Qual	86.3	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S14	30-SEP-13	L1319383-14	Qual	86.3	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S15	30-SEP-13	L1319383-15	Qual	87	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S16	30-SEP-13	L1319383-16	Qual	89	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S17	30-SEP-13	L1319383-17	Qual	88.4	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S18	30-SEP-13	L1319383-18	Qual	91.2	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S19	30-SEP-13	L1319383-19	Qual	86.9	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S20	30-SEP-13	L1319383-20	Qual	89.1	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S21	30-SEP-13	L1319383-21	Qual	87.3	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S22	30-SEP-13	L1319383-22	Qual	88.8	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7
S23	30-SEP-13	L1319383-23	Qual	87.7	95	86.3	88.3	88.4	91.2	86.9	89.1	87.3	88.8	87.7





Sample Results Comparison with New Jersey Impact to Groundwater Soil Remediation Standards.

LOCATION	SAMPLING DATE	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ
LAB SAMPLE ID	NAICVS	04-OCT-13 L1319812-01	04-OCT-13 L1319812-02	04-OCT-13 L1319812-03	04-OCT-13 L1319812-04	04-OCT-13 L1319812-05	04-OCT-13 L1319812-06	04-OCT-13 L1319812-07	04-OCT-13 L1319812-08	04-OCT-13 L1319812-09	04-OCT-13 L1319812-10
General Chemistry - Westborough Lab		Qual									
Soils, Total	%	96.6	99	95.6	94.3	92.8	95.7	98.2	93.3	97.8	88.5
Amcor 1016	0.2	0.652	0.334	8.29	0.342	0.0341	0.0331	0.033	0.169	1.62	0.0363
Amcor 1221	0.2	0.652	0.334	8.29	0.342	0.0341	0.0331	0.033	0.169	1.62	0.0363
Amcor 1232	0.2	0.652	0.334	8.29	0.342	0.0341	0.0331	0.033	0.169	1.62	0.0363
Amcor 1242	0.2	0.652	0.334	8.29	0.342	0.0341	0.0331	0.033	0.169	1.62	0.0363
Amcor 1248	0.2	6.46	4.77	55.8	3.49	0.117	0.0331	0.0616	1.47	10.7	0.0423
Amcor 1254	0.2	10.6	2.4	24.4	2.47	0.118	0.0331	0.0501	0.73	4.25	0.0392
Amcor 1260	0.2	1.18	0.289	1.27	0.568	0.0348	0.0472	0.0206	0.122	0.557	0.0279
Amcor 1262	0.2	0.652	0.334	8.29	0.342	0.0341	0.0331	0.033	0.169	1.62	0.0363
Amcor 1268	0.2	0.652	0.334	8.29	0.342	0.0341	0.0331	0.033	0.169	1.62	0.0363
Psychromat Biphosph by GC - Westborough Lab		18.24	7.458	83.47	6.528				2.2	16.507	

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Only compounds detected with reporting limits that exceed the corresponding regulatory standard in at least one sample are included on the summary sheets.

Refer to the laboratory report in Adobe Acrobat (.PDF) format to check results or read any associated project narrative that may be present. In all cases, the signed, hardcopy Alpha Analytical Labs laboratory report is the official document for reporting laboratory results.

SK	04-OCT-13	SL	SM	SN
L1319812-11	Qual	L1319812-12	L1319812-13	L1319812-14
97.5		93.6	97.6	98.8
0.0327	U	1.72	8.19	0.0325
0.0327	U	1.72	8.19	0.0325
0.0327	U	1.72	8.19	0.0325
0.0327	U	1.72	8.19	0.0325
0.0327	U	9.24	47.4	0.0883
0.0327	U	3.53	18	0.0942
0.034	U	0.683	3.08	0.202
0.0327	U	1.72	8.19	0.0325
0.0327	U	1.72	8.19	0.0325
		13.453	68.48	

Sample Results Comparison with New Jersey Impact to Groundwater Soil Remediation Standards.

LOCATION SAMPLING DATE LAB SAMPLE ID	NI-GWS	Units	A1T 15-OCT-13 L1320726-01 0.5-1.0	A1B 15-OCT-13 L1320726-02 2.5-3	A2T 15-OCT-13 L1320726-03 0.5-1.0	A2B 15-OCT-13 L1320726-04 2.5-3	A3T 15-OCT-13 L1320726-05 0.5-1.0	A3B 15-OCT-13 L1320726-06 2.5-3	A4T 15-OCT-13 L1320726-07 0.5-1.0	A4B 15-OCT-13 L1320726-08 2.5-3
General Chemistry - Westborough Lab										
Solids, Total		%	94.6	90.8	94.6	74.2	93.6	89.6	90.4	79.3
Polychlorinated Biphenyls by GC - Westborough Lab										
Aroclor 1016	0.2	mg/kg	6.65	0.0344	3.42	0.0439	6.84	0.0369	18	0.0414
Aroclor 1221	0.2	mg/kg	6.65	0.0344	3.42	0.0439	6.84	0.0369	18	0.0414
Aroclor 1232	0.2	mg/kg	6.65	0.0344	3.42	0.0439	6.84	0.0369	18	0.0414
Aroclor 1242	0.2	mg/kg	6.65	0.0344	3.42	0.0439	6.84	0.0369	18	0.0414
Aroclor 1248	0.2	mg/kg	92.4	0.331	40.4	0.249	80.1	0.0369	121	0.386
Aroclor 1254	0.2	mg/kg	37.2	0.152	19.4	0.19	33.7	0.0599	42.3	0.262
Aroclor 1260	0.2	mg/kg	4.23	0.173	3.22	0.243	5.32	0.0234	7.06	0.314
Aroclor 1262	0.2	mg/kg	6.65	0.0344	3.42	0.0439	6.84	0.0369	18	0.0414
Aroclor 1268	0.2	mg/kg	6.65	0.0344	3.42	0.0439	6.84	0.0369	18	0.0414
			133.83	0.656	53.02	0.892	119.12	0.0833	170.96	0.962

AST	ASB	A6T	A6B	A7T	A7B	A8T	A8B	A9T	A9B	A10T
15-OCT-13										
L1320726-09	L1320726-10	L1320726-11	L1320726-12	L1320726-13	L1320726-14	L1320726-15	L1320726-16	L1320726-17	L1320726-18	L1320726-19
0.5-1.0	2.5-3	0.5-1.0	2.5-3	0.5-1.0	2.5-3	0.5-1.0	2.5-3	0.5-1.0	2.5-3	0.5-1.0
Qual										
88.9	87.5	92.1	79.9	94.6	88.2	90.7	86.6	95.5	88.9	85.3
37.2	0.076	17.6	0.0398	17.5	0.074	17.5	1.87	1.71	0.36	0.383
U	U	U	U	U	U	U	U	U	U	U
37.2	0.076	17.6	0.0398	17.5	0.074	17.5	1.87	1.71	0.36	0.383
U	U	U	U	U	U	U	U	U	U	U
37.2	0.076	17.6	0.0398	17.5	0.074	17.5	1.87	1.71	0.36	0.383
U	U	U	U	U	U	U	U	U	U	U
218	0.717	170	0.337	153	1.14	79	10.4	17.6	4.59	3.12
78.7	0.619	71.4	0.154	52.1	0.641	28.3	6.01	6.61	2	0.96
13.7	0.89	9.78	0.0398	8.41	0.186	6.2	1.4	1.51	0.73	0.209
U	U	U	U	U	U	U	U	U	U	U
37.2	0.076	17.6	0.0398	17.5	0.074	17.5	1.87	1.71	0.36	0.383
U	U	U	U	U	U	U	U	U	U	U
37.2	0.076	17.6	0.0398	17.5	0.074	17.5	1.87	1.71	0.36	0.383
U	U	U	U	U	U	U	U	U	U	U
310.4	2.226	251.18	0.481	213.51	1.987	113.5	17.81	25.72	7.32	4.289



A15B 15-OCT-13 L1320726-30 2.5-3	Qual	A16T 15-OCT-13 L1320726-31 0.0-0.5	Qual	A17T 15-OCT-13 L1320726-32 2.5-3	Qual	A18T 15-OCT-13 L1320726-33 0.0-0.5	Qual	A18B 15-OCT-13 L1320726-34 2.5-3	Qual	A19T 15-OCT-13 L1320726-35 0.0-0.5	Qual	A19B 15-OCT-13 L1320726-36 2.5-3	Qual	A20T 15-OCT-13 L1320726-37 0.0-0.5	Qual	A20B 15-OCT-13 L1320726-38 2.5-3	Qual
90.7		97.6		96.6		84.9		92.9		93.8		88.7		83.4		91.1	
0.0701	U	0.0337	U	6.71	U	1.92	U	0.035	U	0.701	U	0.0356	U	0.0378	U	0.0344	U
0.0701	U	0.0337	U	6.71	U	1.92	U	0.035	U	0.701	U	0.0356	U	0.0378	U	0.0344	U
0.0701	U	0.0337	U	6.71	U	1.92	U	0.035	U	0.701	U	0.0356	U	0.0378	U	0.0344	U
0.622	U	0.153	U	56.3	U	7.1	U	0.00885	J	7.93	U	0.0356	U	0.0378	U	0.0344	U
0.701		0.114		28		2.86		0.035	U	9.9		0.028	J	0.00979		0.0154	J
0.139	U	0.0441	U	3.68	J	0.532	J	0.035	U	1.64	U	0.0356	U	0.0378	U	0.0344	U
0.0701	U	0.0337	U	6.71	U	1.92	U	0.035	U	0.701	U	0.0356	U	0.0378	U	0.0344	U
0.0701	U	0.0337	U	6.71	U	1.92	U	0.035	U	0.701	U	0.0356	U	0.0378	U	0.0344	U
				87.88		10.492		0.00885		19.47		0.028		0.00979		0.0344	U

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<p>General Chemistry - Westborough Lab</p> <p>Solids, Total Polydechlorinated Biphenyls by GC - Westborough Lab</p>											
		%	81.3	77.4	79.8	75.6	69.4	71.3	76.1	93.2	
Anchor 1016	0.2	mg/kg	0.0386	0.0405	0.196	0.0424	0.0451	0.0439	0.0414	3.52	U
Anchor 1221	0.2	mg/kg	0.0386	0.0405	0.196	0.0424	0.0451	0.0439	0.0414	3.52	U
Anchor 1232	0.2	mg/kg	0.0386	0.0405	0.196	0.0424	0.0451	0.0439	0.0414	3.52	U
Anchor 1242	0.2	mg/kg	0.0386	0.0405	0.196	0.0424	0.0451	0.0439	0.0414	3.52	U
Anchor 1248	0.2	mg/kg	0.052	0.0213	1.96	0.0238	0.0236	0.0416	0.0239	32.8	J
Anchor 1254	0.2	mg/kg	0.0568	0.0288	1.29	0.0205	0.0193	0.0524	0.015	15.4	J
Anchor 1260	0.2	mg/kg	0.0386	0.0405	0.196	0.0332	0.0451	0.023	0.0414	3.52	U
Anchor 1262	0.2	mg/kg	0.0386	0.0405	0.196	0.0424	0.0451	0.0439	0.0414	3.52	U
Anchor 1268	0.2	mg/kg	0.0386	0.0405	0.196	0.0424	0.0451	0.0439	0.0414	3.52	U
			0.1088	0.0501	3.81	0.0775	0.0429	0.117		48.2	U

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BPT	Qual	B10P	Qual
16-OCT-13		16-OCT-13	
L1320747-09		L1320747-10	
0.0-0.5	Qual		Qual
77		71.2	
0.043	U	0.0439	U
0.043	U	0.0439	U
0.043	U	0.0439	U
0.043	U	0.0439	U
0.404		0.085	
0.378		0.11	
0.043	U	0.0439	U
0.043	U	0.0439	U
0.043	U	0.0439	U
0.792		0.195	

Sample Results Comparison with New Jersey Impact to Groundwater Soil Remediation Standards.

LOCATION SAMPLING DATE LAB SAMPLE ID	NJ-GWS	Units	C1T 16-OCT-13 L1320750-01 0.0-0.5	Qual	C2T 16-OCT-13 L1320750-02 0.0-0.5	Qual	C3T 16-OCT-13 L1320750-03 0.0-0.5	Qual	C4T 16-OCT-13 L1320750-04 0.0-0.5	Qual
General Chemistry - Westborough Lab										
Solids, Total										
Polychlorinated Biphenyls by GC - Westborough Lab										
		%	95.6		95.8		96.2		77	
Arcochlor 1016	0.2	mg/kg	0.0347	U	0.0329	U	6.88	U	0.0428	U
Arcochlor 1221	0.2	mg/kg	0.0347	U	0.0329	U	6.88	U	0.0428	U
Arcochlor 1232	0.2	mg/kg	0.0347	U	0.0329	U	6.88	U	0.0428	U
Arcochlor 1242	0.2	mg/kg	0.0347	U	0.0329	U	6.88	U	0.0428	U
Arcochlor 1248	0.2	mg/kg	0.0347	U	0.0167	J	54.5	U	0.0428	U
Arcochlor 1254	0.2	mg/kg	0.0347	U	0.0126	J	29.1	U	0.0428	U
Arcochlor 1260	0.2	mg/kg	0.0169	J	0.0329	U	6.88	U	0.0428	U
Arcochlor 1262	0.2	mg/kg	0.0347	U	0.0329	U	6.88	U	0.0428	U
Arcochlor 1268	0.2	mg/kg	0.0347	U	0.0329	U	6.88	U	0.0428	U
			0.0169		0.0293		83.6		ND	

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NPL-4 16-OCT-13 L1320911-10 0.5-1.0	Qual	NPL-4D 16-OCT-13 L1320911-11 2.5-3	Qual	NPL-5 16-OCT-13 L1320911-12 0.5-1.0	Qual	NPL-5D 16-OCT-13 L1320911-13 2.5-3	Qual	S-1CB 16-OCT-13 L1320911-14 0.5-1.0	Qual	S-2CB 16-OCT-13 L1320911-15 0.5-1.0	Qual	S-3CB 16-OCT-13 L1320911-16 0.5-1.0	Qual
88.8		87.8		81		82.1		90.8		90.5		88.9	
0.0365	U	0.184	U	0.0401	U	0.0388	U	0.0357	U	0.362	U	0.364	U
0.0365	U	0.184	U	0.0401	U	0.0388	U	0.0357	U	0.362	U	0.364	U
0.0365	U	0.184	U	0.0401	U	0.0388	U	0.0357	U	0.362	U	0.364	U
0.0524	U	0.184	U	0.0401	U	0.0388	U	0.0357	U	0.362	U	0.364	U
0.0322	J	1.2		0.0401	U	0.0388	U	0.0357	U	3.4		2.8	
0.0162	J	0.507		0.0207	J	0.0122	J	0.0249	J	1.41		1.75	
0.0365	U	0.129	J	0.0347	J	0.0388	U	0.0357	U	0.183	J	0.77	U
0.0365	U	0.184	U	0.0401	U	0.0388	U	0.0357	U	0.362	U	0.364	U
0.0365	U	0.184	U	0.0401	U	0.0388	U	0.0357	U	0.362	U	0.364	U
0.1008		1.826		0.0554		0.0122		0.0835		4.892		5.32	

<b>Sample Results Comparison with New Jersey Impact to Groundwater Soil Remediation Standards.</b>						
<b>LOCATION</b>			<b>RGA1</b>		<b>RGA2</b>	
<b>SAMPLING DATE</b>			<b>16-OCT-13</b>		<b>16-OCT-13</b>	
<b>LAB SAMPLE ID</b>			<b>L1320912-01</b>		<b>L1320912-02</b>	
	<b>NJ-IGWS</b>	<b>Units</b>		<b>Qual</b>		<b>Qual</b>
<b>General Chemistry - Westborough Lab</b>						
<b>Solids, Total</b>		<b>%</b>	<b>98.3</b>		<b>90.5</b>	
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
<b>Aroclor 1016</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.0332</b>	<b>U</b>	<b>0.0353</b>	<b>U</b>
<b>Aroclor 1221</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.0332</b>	<b>U</b>	<b>0.0353</b>	<b>U</b>
<b>Aroclor 1232</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.0332</b>	<b>U</b>	<b>0.0353</b>	<b>U</b>
<b>Aroclor 1242</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.0332</b>	<b>U</b>	<b>0.0353</b>	<b>U</b>
<b>Aroclor 1248</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.547</b>		<b>0.0353</b>	<b>U</b>
<b>Aroclor 1254</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.358</b>		<b>0.0823</b>	
<b>Aroclor 1260</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.0848</b>		<b>0.0465</b>	
<b>Aroclor 1262</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.0332</b>	<b>U</b>	<b>0.0353</b>	<b>U</b>
<b>Aroclor 1268</b>	<b>0.2</b>	<b>mg/kg</b>	<b>0.0332</b>	<b>U</b>	<b>0.0353</b>	<b>U</b>
			<b>0.9898</b>		<b>0.1288</b>	
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Sample Results Comparison with New Jersey Impact to Groundwater Soil Remediation Standards.

LOCATION SAMPLING DATE LAB SAMPLE ID	NI-ICWS	Units	S1 02-OCT-13 L1319762-01	Qual	S2 02-OCT-13 L1319762-02	Qual	S3 02-OCT-13 L1319762-03	Qual	S4 02-OCT-13 L1319762-04	Qual	S5 02-OCT-13 L1319762-05	Qual	S6 02-OCT-13 L1319762-06	Qual
General Chemistry - Westborough Lab														
Solids, Total														
PAHs by GC/MS-SIM - Westborough Lab														
2-Chloronaphthalene	5	mg/kg	0.071	U	0.069	U	0.37	U	0.07	U	0.07	U	0.07	U
2-Methylnaphthalene	74	mg/kg	0.47	U	0.17	U	1.2	U	0.29	U	0.097	U	0.4	U
Acenaphthene		mg/kg	1	U	0.22	U	4.4	U	0.19	U	0.095	U	0.78	U
Acenaphthylene	1500	mg/kg	0.14	U	0.075	U	0.34	J	0.06	J	0.032	J	0.23	U
Anthracene		mg/kg	2.8	U	0.52	U	8.7	U	0.4	U	0.19	U	2.1	U
Benzof(a)anthracene	0.5	mg/kg	3.2	U	1.1	U	19	U	1	U	0.44	U	4.3	U
Benzof(a)pyrene	0.2	mg/kg	2.5	U	0.94	U	15	U	0.88	U	0.4	U	3.8	U
Benzof(b)fluoranthene	2	mg/kg	3.3	U	1.2	U	18	U	1.2	U	0.53	U	5.2	U
Benzof(ghi)perylene		mg/kg	0.94	U	0.65	U	6.5	U	0.4	U	0.29	U	1.4	U
Benzof(k)fluoranthene	16	mg/kg	1.8	U	0.56	U	13	U	0.9	U	0.24	U	2.3	U
Chrysene	52	mg/kg	3.2	U	1.2	U	16	U	1.1	U	0.51	U	3.9	U
Dibenzof(a,h)anthracene	0.5	mg/kg	0.34	U	0.17	U	2.3	U	0.12	U	0.074	U	0.49	U
Fluoranthene	840	mg/kg	8.1	U	2.6	U	41	U	2.5	U	1.1	U	8.8	U
Fluoranthene	840	mg/kg	8.3	E	2.6	U	38	E	0.18	U	0.088	U	8.6	E
Fluorene	110	mg/kg	1.6	U	0.26	U	4.9	U	0.38	U	0.29	U	0.94	U
Indenol(1,2,3-cd)pyrene	5	mg/kg	0.99	U	0.67	U	6.8	U	0.39	U	0.14	U	1.4	U
Naphthalene	16	mg/kg	0.84	U	0.27	U	3.4	U	0.39	U	0.14	U	0.76	U
Phenanthrene		mg/kg	8.6	U	2.2	U	29	U	1.8	U	0.83	U	6.2	U
Pyrene	550	mg/kg	8.1	E	2.2	U	29	U	2	U	0.89	U	7	U
Pyrene	550	mg/kg	6.1	U	2.2	U	29	U	2	U	0.89	U	7.1	E
Polychlorinated Biphenyls by GC - Westborough Lab														
Aroclor 1016	0.2	mg/kg	0.174	U	0.0339	U	35.9	U	0.0344	U	0.0342	U	0.0692	U
Aroclor 1221	0.2	mg/kg	0.174	U	0.0339	U	35.9	U	0.0344	U	0.0342	U	0.0692	U
Aroclor 1232	0.2	mg/kg	0.174	U	0.0339	U	35.9	U	0.0344	U	0.0342	U	0.0692	U
Aroclor 1242	0.2	mg/kg	0.174	U	0.0339	U	35.9	U	0.0344	U	0.0342	U	0.0692	U
Aroclor 1248	0.2	mg/kg	1.98	U	0.0339	U	319	U	0.0344	U	0.0342	U	0.945	U
Aroclor 1254	0.2	mg/kg	0.889	U	0.0339	U	122	U	0.0344	U	0.0342	U	0.739	U
Aroclor 1260	0.2	mg/kg	0.116	J	0.0294	J	17.1	J	0.0579	U	0.033	J	0.185	U
Aroclor 1262	0.2	mg/kg	0.174	U	0.0339	U	35.9	U	0.0344	U	0.0342	U	0.0692	U
Aroclor 1268	0.2	mg/kg	0.174	U	0.0339	U	35.9	U	0.0344	U	0.0342	U	0.0692	U
Pesticides by GC - Westborough Lab														
4,4'-DDD	3	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0949	U
			2.869			438.1			0.0579			1.869		

4,4'-DDE	12	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0354	U
4,4'-DDT	7	mg/kg	0.0278	J	0.0205	J	0.0323	U	0.0164	J	0.0182	J	0.0325	U
Aldrin	0.1	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0167	U
Alpha-BHC	0.002	mg/kg	0.007	U	0.00685	U	0.00718	U	0.00686	U	0.00688	U	0.00698	U
Beta-BHC	0.002	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0167	U
cis-Chlordane	0.03	mg/kg	0.0728	U	0.101	U	0.0215	U	0.129	U	0.0995	U	0.0347	U
Delta-BHC	0.003	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0167	U
Dieldrin	0.003	mg/kg	0.0105	U	0.0103	U	0.0108	U	0.0103	U	0.0103	U	0.0105	U
Endosulfan I	2	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0167	U
Endosulfan II	2	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0167	U
Endosulfan sulfate	1	mg/kg	0.007	U	0.00685	U	0.00718	U	0.00686	U	0.00688	U	0.00698	U
Endrin	0.6	mg/kg	0.007	U	0.00685	U	0.00718	U	0.00686	U	0.00688	U	0.00698	U
Endrin aldehyde	0.6	mg/kg	0.021	U	0.0205	U	0.0215	U	0.0206	U	0.0206	U	0.0209	U
Endrin ketone	0.3	mg/kg	0.0168	U	0.0164	U	0.0172	U	0.0165	U	0.0165	U	0.0167	U
Heptachlor	0.009	mg/kg	0.0206	U	0.0462	U	0.00861	U	0.0535	U	0.0348	U	0.00837	U
Heptachlor epoxide	0.009	mg/kg	0.0138	J	0.029	J	0.0323	U	0.0268	J	0.0235	J	0.0208	J
Lindane	0.002	mg/kg	0.007	U	0.00685	U	0.00718	U	0.00686	U	0.00688	U	0.00698	U
Methoxychlor	100	mg/kg	0.0315	U	0.0308	U	0.0323	U	0.0309	U	0.031	U	0.0314	U
Toxaphene	0.2	mg/kg	0.315	U	0.308	U	0.323	U	0.309	U	0.31	U	0.314	U
trans-Chlordane	0.03	mg/kg	0.0773	U	0.103	U	0.0215	U	0.13	U	0.106	U	0.0374	U

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LOCATION	SAMPLE DATE	SM	SP1	SP2
LAB SAMPLE ID		L1319384-01	L1319384-02	L1319384-03
Units	Qual	Qual	Qual	Qual
NJ-GWS				
General Chemistry - Westborough Lab				
Solids, Total				
	%	95	86.2	99.3
Polychlorinated Biphenyls by GC - Westborough Lab				
Aroclor 1016	0.2	8.44	3.7	0.813
Aroclor 1221	0.2	8.44	3.7	0.813
Aroclor 1232	0.2	8.44	3.7	0.813
Aroclor 1242	0.2	8.44	3.7	0.813
Aroclor 1248	0.2	85.8	52.7	5.76
Aroclor 1254	0.2	8.44	3.7	0.813
Aroclor 1260	0.2	3.58	1.8	0.209
Aroclor 1262	0.2	8.44	3.7	0.813
Aroclor 1268	0.2	8.44	3.7	0.813
		89	55	6

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