Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-OOOOO	TB-OOOOO	TB-OOOOO	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N
Depth Below Grade (ft.)				(5-7)	(10-12)	(15-16)	(0.0-0.3)	(0.3-1.3)	(2.3-4.3)
Sampling Date				7/18/02	7/18/02	7/18/02	7/19/02	7/19/02	7/19/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Toluene	500	1,000	67	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT
Xylenes (total)	500	1,000	19.5	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)									
PCB-1260	**1**	**10**	NA	**9.7**	0.71	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082									
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT	NT
SPLP Metals									
Arsenic	NA	NA	0.5	NT	NT	NT	NT	NT	ND<0.004
Barium	NA	NA	10	NT	NT	NT	NT	NT	0.45
Copper	NA	NA	13	NT	NT	NT	NT	NT	ND<0.04
Lead	NA	NA	0.15	NT	NT	NT	NT	NT	ND<0.013
Thallium	NA	NA	0.05	NT	NT	NT	NT	NT	ND<0.005
Vanadium	NA	NA	**0.50**	NT	NT	NT	NT	NT	ND<0.05
Zinc	NA	NA	50	NT	NT	NT	NT	NT	0.22
Total Metals									
Antimony	27	8,200	NA	ND<2.0	NT	NT	NT	NT	2.5
Arsenic	**10**	**10**	NA	3.1	1.0	NT	NT	1.5	8.3
Barium	4,700	140,000	NA	8.0	NT	NT	NT	NT	61
Chromium	100*	100*	NA	5.2	NT	NT	NT	NT	9.5
Copper	2,500	76,000	NA	46	NT	NT	NT	NT	76
Lead	500	1,000	NA	35	NT	NT	NT	NT	170
Mercury	20	610	NA	ND<0.20	NT	NT	NT	NT	0.30

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-OOOOO	TB-OOOOO	TB-OOOOO	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N
Depth Below Grade (ft.)				(5-7)	(10-12)	(15-16)	(0.0-0.3)	(0.3-1.3)	(2.3-4.3)
Sampling Date				7/18/02	7/18/02	7/18/02	7/19/02	7/19/02	7/19/02
Total Metals									
Nickel	1,400	7,500	NA	7.9	NT	NT	NT	NT	6.8
Selenium	340	10,000	NA	ND<1.0	NT	NT	NT	NT	ND<1.0
Vanadium	470	14,000	NA	130	NT	NT	NT	NT	14
Zinc	20,000	610,000	NA	34	NT	NT	NT	NT	130
Cyanide (Total)	1,400	41,000	NA	ND<5.0	ND<5.0	ND<5.0	NT	NT	ND<5.0
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	**1,860**	**553**	NT	NT	NT	116

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

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Comparison of Test Boring Soil Sample Analyte Concentrations
to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-QQQQQ
Depth Below Grade (ft.)				(5-7)	(10-12)	(15-17)	(20-22)	(25-27)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	1,000	2,500	84	6.8	1.6	1.3	NT	NT	NT
Acenaphthylene	1,000	2,500	84	5.5	5.0	2.4	NT	NT	NT
Anthracene	1,000	2,500	400	31	12	7.2	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	**63**	**23**	**14**	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	**56**	**25**	**15**	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	**65**	**29**	**19**	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	27	12	6.7	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	**36**	**14**	**8.5**	NT	NT	NT
Chrysene	84	780	**1**	**56**	**22**	**14**	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	**9.2**	**1.2**	**1.9**	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	**130**	**59**	37	NT	NT	NT
Fluorene	1,000	2,500	56	13	4.4	2.8	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	**33**	**14**	**7.9**	NT	NT	NT
Naphthalene	1,000	2,500	56	5.9	3.6	2.2	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	**110**	**49**	30	NT	NT	NT
Pyrene	1,000	2,500	**40**	**100**	**49**	30	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Benzene	21	200	0.2	ND<0.001	NT	ND<0.001	NT	NT	NT
sec-Butylbenzene	500	1,000	14	ND<0.005	NT	ND<0.005	NT	NT	NT
Ethylbenzene	500	1,000	10.1	ND<0.005	NT	ND<0.005	NT	NT	NT
Isopropylbenzene	500	1,000	132	ND<0.005	NT	ND<0.005	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	ND<0.005	NT	ND<0.005	NT	NT	NT
Naphthalene	1,000	2,500	56	0.14	NT	0.096	NT	NT	NT
n-Propylbenzene	500	1,000	14	ND<0.005	NT	ND<0.005	NT	NT	NT
Tetrachloroethene	12	110	1	0.0081	NT	ND<0.005	NT	NT	NT

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-QQQQQ
Depth Below Grade (ft.)				(5-7)	(10-12)	(15-17)	(20-22)	(25-27)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Toluene	500	1,000	67	ND<0.005	NT	ND<0.005	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	ND<0.005	NT	ND<0.005	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	ND<0.005	NT	ND<0.005	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	ND<0.005	NT	ND<0.005	NT	NT	NT
Xylenes (total)	500	1,000	19.5	ND<0.005	NT	ND<0.005	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)									
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082									
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT	NT
SPLP Metals									
Arsenic	NA	NA	0.5	NT	NT	NT	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT
Copper	NA	NA	13	NT	NT	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	NT	NT	NT	NT	NT
Vanadium	NA	NA	**0.50**	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50	NT	NT	NT	NT	NT	NT
Total Metals									
Antimony	27	8,200	NA	NT	NT	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	8.6	4.5	5.1	ND<1.0	3.3	NT
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-PPPPP/ MW-N	TB-QQQQQ
Depth Below Grade (ft.)				(5-7)	(10-12)	(15-17)	(20-22)	(25-27)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
Total Metals									
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	ND<5.0	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	1,037	NT	NT	NT	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-RRRRR
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(10-12)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	1,000	2,500	84	ND<0.20	NT	ND<0.20	ND<0.20	ND<1.0	NT
Acenaphthylene	1,000	2,500	84	ND<0.20	NT	ND<0.20	ND<0.20	ND<1.0	NT
Anthracene	1,000	2,500	400	0.30	NT	ND<0.20	0.29	ND<1.0	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	**2.7**	NT	0.31	1.0	**1.1**	NT
Benzo[a]pyrene	**1**	**1**	**1**	**3.8**	NT	0.39	**1.1**	**2.8**	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	**5.2**	NT	0.52	**1.3**	**1.4**	NT
Benzo[g,h,i]perylene	1,000	2,500	42	1.9	NT	ND<0.20	0.50	2.5	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	**2.5**	NT	0.24	0.62	ND<1.0	NT
Chrysene	84	780	**1**	**3.4**	NT	0.37	0.97	**1.8**	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	ND<0.20	NT	ND<0.20	ND<0.20	ND<1.0	NT
Fluoranthene	1,000	2,500	**56**	5.8	NT	0.77	2.1	ND<1.0	NT
Fluorene	1,000	2,500	56	ND<0.20	NT	ND<0.20	ND<0.20	ND<1.0	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	**2.2**	NT	0.21	0.54	**1.1**	NT
Naphthalene	1,000	2,500	56	ND<0.20	NT	ND<0.20	ND<0.20	ND<1.0	NT
Phenanthrene	1,000	2,500	**40**	1.8	NT	0.36	0.95	ND<1.0	NT
Pyrene	1,000	2,500	**40**	5.2	NT	0.69	1.8	4.0	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Benzene	21	200	0.2	NT	ND<0.001	NT	ND<0.001	ND<0.001	NT
sec-Butylbenzene	500	1,000	14	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
Ethylbenzene	500	1,000	10.1	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
Isopropylbenzene	500	1,000	132	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
4-Isopropyltoluene	500	1,000	41.8	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
Naphthalene	1,000	2,500	56	NT	0.20	NT	0.0052	ND<0.005	NT
n-Propylbenzene	500	1,000	14	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
Tetrachloroethene	12	110	1	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT

Table South.1

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-RRRRR
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(10-12)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Toluene	500	1,000	67	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
1,1,1-Trichloroethane	500	1,000	40	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
Xylenes (total)	500	1,000	19.5	NT	ND<0.005	NT	ND<0.005	ND<0.005	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)									
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082									
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT	NT
SPLP Metals									
Arsenic	NA	NA	0.5	NT	NT	NT	ND<0.004	NT	NT
Barium	NA	NA	10	NT	NT	NT	0.37	NT	NT
Copper	NA	NA	13	NT	NT	NT	ND<0.04	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	ND<0.013	NT	NT
Thallium	NA	NA	0.05	NT	NT	NT	ND<0.005	NT	NT
Vanadium	NA	NA	**0.50**	NT	NT	NT	ND<0.05	NT	NT
Zinc	NA	NA	50	NT	NT	NT	0.15	NT	NT
Total Metals									
Antimony	27	8,200	NA	NT	NT	NT	2.9	NT	NT
Arsenic	**10**	**10**	NA	4.0	1.3	2.5	4.1	ND<1.0	NT
Barium	4,700	140,000	NA	NT	NT	NT	18	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	15	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	70	NT	NT
Lead	500	1,000	NA	NT	NT	NT	24	NT	NT
Mercury	20	610	NA	NT	NT	NT	ND<0.20	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-QQQQQ	TB-RRRRR
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(10-12)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
Total Metals									
Nickel	1,400	7,500	NA	NT	NT	NT	19	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	1.1	NT	NT
Vanadium	470	14,000	NA	NT	NT	NT	18	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	37	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	ND<50	NT	ND<50	ND<50	884	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(15-17)	(20-22)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	1,000	2,500	84	ND<0.20	NT	ND<0.20	NT	NT	NT
Acenaphthylene	1,000	2,500	84	ND<0.20	NT	ND<0.20	NT	NT	NT
Anthracene	1,000	2,500	400	ND<0.20	NT	ND<0.20	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	ND<0.20	NT	ND<0.20	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	ND<0.20	NT	ND<0.20	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	ND<0.20	NT	ND<0.20	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	ND<0.20	NT	ND<0.20	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	ND<0.20	NT	ND<0.20	NT	NT	NT
Chrysene	84	780	**1**	ND<0.20	NT	ND<0.20	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	ND<0.20	NT	ND<0.20	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	ND<0.20	NT	ND<0.20	NT	NT	NT
Fluorene	1,000	2,500	56	ND<0.20	NT	ND<0.20	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	ND<0.20	NT	ND<0.20	NT	NT	NT
Naphthalene	1,000	2,500	56	ND<0.20	NT	ND<0.20	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	ND<0.20	NT	ND<0.20	NT	NT	NT
Pyrene	1,000	2,500	**40**	ND<0.20	NT	ND<0.20	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Benzene	21	200	0.2	NT	NT	ND<0.001	ND<0.001	ND<0.001	NT
sec-Butylbenzene	500	1,000	14	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
Ethylbenzene	500	1,000	10.1	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
Isopropylbenzene	500	1,000	132	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
n-Propylbenzene	500	1,000	14	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
Tetrachloroethene	12	110	1	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(15-17)	(20-22)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Toluene	500	1,000	67	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
Xylenes (total)	500	1,000	19.5	NT	NT	ND<0.005	ND<0.005	ND<0.005	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)									
PCB-1260	1	10	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082									
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT	NT
SPLP Metals									
Arsenic	NA	NA	0.5	NT	ND<0.004	NT	NT	NT	NT
Barium	NA	NA	10	NT	0.70	NT	NT	NT	NT
Copper	NA	NA	13	NT	ND<0.04	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	ND<0.013	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	ND<0.005	NT	NT	NT	NT
Vanadium	NA	NA	0.50	NT	ND<0.05	NT	NT	NT	NT
Zinc	NA	NA	50	NT	0.26	NT	NT	NT	NT
Total Metals									
Antimony	27	8,200	NA	NT	ND<2.0	NT	NT	NT	NT
Arsenic	10	10	NA	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.1	3.3
Barium	4,700	140,000	NA	NT	19	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	5.2	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	7.5	NT	NT	NT	NT
Lead	500	1,000	NA	NT	5.0	NT	NT	NT	NT
Mercury	20	610	NA	NT	ND<0.20	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR	TB-RRRRR
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(15-17)	(20-22)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
Total Metals									
Nickel	1,400	7,500	NA	NT	3.6	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	ND<1.0	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	16	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	11	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	ND<50	NT	ND<50	ND<50	NT	NT

Notes:
- mg/kg = milligrams per kilogram.
- ppm = Parts per million (comparable to mg/kg).
- NA = Not applicable.
- ND = Not detected above laboratory minimum detection limit.
- NT = Not tested.
- SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
- * = 100 mg/kg for hexavalent chromium.
- ☐ = Concentration exceeds associated criterion.

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-TTTTT
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	1,000	2,500	84	NT	NT	NT	NT	NT	ND<0.20
Acenaphthylene	1,000	2,500	84	NT	NT	NT	NT	NT	ND<0.20
Anthracene	1,000	2,500	400	NT	NT	NT	NT	NT	ND<0.20
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	ND<0.20
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	NT	NT	NT	ND<0.20
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	ND<0.20
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	NT	NT	ND<0.20
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	NT	NT	NT	ND<0.20
Chrysene	84	780	**1**	NT	NT	NT	NT	NT	ND<0.20
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	NT	NT	NT	ND<0.20
Fluoranthene	1,000	2,500	**56**	NT	NT	NT	NT	NT	ND<0.20
Fluorene	1,000	2,500	56	NT	NT	NT	NT	NT	ND<0.20
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	ND<0.20
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	ND<0.20
Phenanthrene	1,000	2,500	**40**	NT	NT	NT	NT	NT	ND<0.20
Pyrene	1,000	2,500	**40**	NT	NT	NT	NT	NT	ND<0.20
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Benzene	21	200	0.2	NT	NT	ND<0.001	ND<0.001	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	ND<0.005	ND<0.005	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	ND<0.005	ND<0.005	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	ND<0.005	ND<0.005	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	ND<0.005	ND<0.005	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.005	ND<0.005	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	ND<0.005	ND<0.005	NT	NT
Tetrachloroethene	12	110	1	NT	NT	ND<0.005	ND<0.005	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-TTTTT
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Toluene	500	1,000	67	NT	NT	ND<0.005	ND<0.005	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	ND<0.005	ND<0.005	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	ND<0.005	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	ND<0.005	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	ND<0.005	ND<0.005	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)									
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082									
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT	NT
SPLP Metals									
Arsenic	NA	NA	0.5	NT	ND<0.004	NT	NT	NT	NT
Barium	NA	NA	10	NT	0.54	NT	NT	NT	NT
Copper	NA	NA	13	NT	ND<0.04	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	ND<0.013	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	ND<0.005	NT	NT	NT	NT
Vanadium	NA	NA	**0.50**	NT	ND<0.05	NT	NT	NT	NT
Zinc	NA	NA	50	NT	0.21	NT	NT	NT	NT
Total Metals									
Antimony	27	8,200	NA	NT	ND<2.0	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	NT	ND<1.0	ND<1.0	1.2	ND<1.0	NT
Barium	4,700	140,000	NA	NT	21	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	5.0	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	9.9	NT	NT	NT	NT
Lead	500	1,000	NA	NT	4.6	NT	NT	NT	NT
Mercury	20	610	NA	NT	ND<0.20	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-SSSSS/ MW-O	TB-TTTTT
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/19/02	7/19/02
Total Metals									
Nickel	1,400	7,500	NA	NT	4.5	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	ND<1.0	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	20	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	14	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	ND<50	ND<50	ND<50	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-TTTTT	TB-TTTTT	TB-TTTTT	TB-TTTTT	TB-UUUUU	TB-UUUUU
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)	(0.3-1.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	1,000	2,500	84	NT	NT	ND<0.20	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	ND<0.20	NT	NT	NT
Anthracene	1,000	2,500	400	NT	NT	ND<0.20	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	0.81	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	0.77	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	0.98	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	0.41	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	0.40	NT	NT	NT
Chrysene	84	780	**1**	NT	NT	0.91	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	ND<0.20	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	NT	NT	1.6	NT	NT	NT
Fluorene	1,000	2,500	56	NT	NT	ND<0.20	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	0.56	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.20	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	NT	NT	1.1	NT	NT	NT
Pyrene	1,000	2,500	**40**	NT	NT	1.3	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Benzene	21	200	0.2	NT	NT	NT	NT	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT
Tetrachloroethene	12	110	1	NT	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-TTTTT	TB-TTTTT	TB-TTTTT	TB-TTTTT	TB-UUUUU	TB-UUUUU
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)	(0.3-1.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Toluene	500	1,000	67	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)									
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082									
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT	NT
SPLP Metals									
Arsenic	NA	NA	0.5	NT	NT	NT	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT
Copper	NA	NA	13	NT	NT	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	NT	NT	NT	NT	NT
Vanadium	NA	NA	**0.50**	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50	NT	NT	NT	NT	NT	NT
Total Metals									
Antimony	27	8,200	NA	NT	NT	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	ND<1.0	ND<1.0	ND<1.0	2.1	1.2	1.4
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-TTTTT	TB-TTTTT	TB-TTTTT	TB-TTTTT	TB-UUUUU	TB-UUUUU
Depth Below Grade (ft.)				(0.3-1.3)	(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)	(0.3-1.3)
Sampling Date				7/19/02	7/19/02	7/19/02	7/19/02	7/22/02	7/22/02
Total Metals									
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	ND<50	NT	NT	NT

Notes:
- mg/kg = milligrams per kilogram.
- ppm = Parts per million (comparable to mg/kg).
- NA = Not applicable.
- ND = Not detected above laboratory minimum detection limit.
- NT = Not tested.
- SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
- • = 100 mg/kg for hexavalent chromium.
- ☐ = Concentration exceeds associated criterion.

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-UUUUU	TB-UUUUU	TB-UUUUU	TB-VVVVV	TB-VVVVV	TB-VVVVV
Depth Below Grade (ft.)				(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)	(0.3-1.8)	(2-3.5)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)									
Acenaphthene	1,000	2,500	84	NT	ND<0.20	NT	NT	NT	ND<0.20
Acenaphthylene	1,000	2,500	84	NT	ND<0.20	NT	NT	NT	ND<0.20
Anthracene	1,000	2,500	400	NT	ND<0.20	NT	NT	NT	ND<0.20
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	0.30	NT	NT	NT	0.35
Benzo[a]pyrene	**1**	**1**	**1**	NT	0.33	NT	NT	NT	0.45
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	0.40	NT	NT	NT	0.63
Benzo[g,h,i]perylene	1,000	2,500	42	NT	ND<0.20	NT	NT	NT	0.25
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	0.23	NT	NT	NT	0.31
Chrysene	84	780	**1**	NT	0.35	NT	NT	NT	0.42
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	ND<0.20	NT	NT	NT	ND<0.20
Fluoranthene	1,000	2,500	**56**	NT	0.56	NT	NT	NT	0.59
Fluorene	1,000	2,500	56	NT	ND<0.20	NT	NT	NT	ND<0.20
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	ND<0.20	NT	NT	NT	0.28
Naphthalene	1,000	2,500	56	NT	ND<0.20	NT	NT	NT	ND<0.20
Phenanthrene	1,000	2,500	**40**	NT	0.46	NT	NT	NT	0.27
Pyrene	1,000	2,500	**40**	NT	0.51	NT	NT	NT	0.58
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Benzene	21	200	0.2	NT	NT	NT	NT	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT
Tetrachloroethene	12	110	1	NT	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-UUUUU	TB-UUUUU	TB-UUUUU	TB-VVVVV	TB-VVVVV	TB-VVVVV
Depth Below Grade (ft.)				(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)	(0.3-1.8)	(2-3.5)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)									
Toluene	500	1,000	67	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)									
PCB-1260	1	10	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082									
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT	NT
SPLP Metals									
Arsenic	NA	NA	0.5	NT	ND<0.004	NT	NT	NT	NT
Barium	NA	NA	10	NT	0.76	NT	NT	NT	NT
Copper	NA	NA	13	NT	ND<0.04	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	ND<0.013	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	ND<0.005	NT	NT	NT	NT
Vanadium	NA	NA	0.50	NT	ND<0.05	NT	NT	NT	NT
Zinc	NA	NA	50	NT	0.28	NT	NT	NT	NT
Total Metals									
Antimony	27	8,200	NA	NT	ND<2.0	NT	NT	NT	NT
Arsenic	10	10	NA	1.2	1.2	2.2	2.2	1.5	1.4
Barium	4,700	140,000	NA	NT	23	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	8.4	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	22	NT	NT	NT	NT
Lead	500	1,000	NA	NT	16	NT	NT	NT	NT
Mercury	20	610	NA	NT	ND<0.20	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)					
	Residential	Industrial/ Commercial	GB Area	TB-UUUUU	TB-UUUUU	TB-UUUUU	TB-VVVVV	TB-VVVVV	TB-VVVVV
Depth Below Grade (ft.)				(1.3-2.3)	(2.3-4.3)	(5-7)	(0.0-0.3)	(0.3-1.8)	(2-3.5)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals									
Nickel	1,400	7,500	NA	NT	7.0	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	ND<1.0	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	26	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	29	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	90	NT	NT	NT	95

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Table South.1

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-VVVVV	TB-WWWWW	TB-WWWWW	TB-WWWWW	TB-WWWWW
Depth Below Grade (ft.)				(5-6.5)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	NT	NT	NT	ND<1.0	NT
Acenaphthylene	1,000	2,500	84	NT	NT	NT	ND<1.0	NT
Anthracene	1,000	2,500	400	NT	NT	NT	ND<1.0	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	NT	ND<1.0	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	NT	**1.9**	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	NT	ND<1.0	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	4.2	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	NT	ND<1.0	NT
Chrysene	84	780	**1**	NT	NT	NT	ND<1.0	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	NT	ND<1.0	NT
Fluoranthene	1,000	2,500	**56**	NT	NT	NT	ND<1.0	NT
Fluorene	1,000	2,500	56	NT	NT	NT	ND<1.0	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	NT	ND<1.0	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	ND<1.0	NT
Phenanthrene	1,000	2,500	**40**	NT	NT	NT	ND<1.0	NT
Pyrene	1,000	2,500	**40**	NT	NT	NT	ND<1.0	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	ND<0.001	ND<0.001	0.0074
sec-Butylbenzene	500	1,000	14	NT	NT	ND<0.005	ND<0.005	ND<0.005
Ethylbenzene	500	1,000	10.1	NT	NT	ND<0.005	ND<0.005	ND<0.005
Isopropylbenzene	500	1,000	132	NT	NT	ND<0.005	ND<0.005	ND<0.005
4-Isopropyltoluene	500	1,000	41.8	NT	NT	ND<0.005	ND<0.005	ND<0.005
Naphthalene	1,000	2,500	56	NT	NT	ND<0.005	ND<0.005	ND<0.005
n-Propylbenzene	500	1,000	14	NT	NT	ND<0.005	ND<0.005	ND<0.005
Tetrachloroethene	12	110	1	NT	NT	0.11	0.03	0.018

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-VVVVV	TB-WWWWW	TB-WWWWW	TB-WWWWW	TB-WWWWW
Depth Below Grade (ft.)				(5-6.5)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	ND<0.005	ND<0.005	0.0085
1,1,1-Trichloroethane	500	1,000	40	NT	NT	0.02	0.014	0.009
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	ND<0.005	ND<0.005
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	ND<0.005	ND<0.005
Xylenes (total)	500	1,000	19.5	NT	NT	ND<0.005	ND<0.005	ND<0.005
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	1.0	**53**	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	ND<0.0005	ND<0.0005	NT	NT
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	0.014	NT	NT
Barium	NA	NA	10	NT	NT	0.78	NT	NT
Copper	NA	NA	13	NT	NT	0.051	NT	NT
Lead	NA	NA	0.15	NT	NT	0.06	NT	NT
Thallium	NA	NA	0.05	NT	NT	0.0064	NT	NT
Vanadium	NA	NA	**0.50**	NT	NT	0.12	NT	NT
Zinc	NA	NA	50	NT	NT	0.42	NT	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	2.7	NT	NT
Arsenic	**10**	**10**	NA	ND<1.0	NT	2.9	4.5	5.8
Barium	4,700	140,000	NA	NT	NT	21	NT	NT
Chromium	100*	100*	NA	NT	NT	9.9	NT	NT
Copper	2,500	76,000	NA	NT	NT	51	NT	NT
Lead	500	1,000	NA	NT	NT	81	NT	NT
Mercury	20	610	NA	NT	NT	1.4	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-VVVVV	TB-WWWWW	TB-WWWWW	TB-WWWWW	TB-WWWWW
Depth Below Grade (ft.)				(5-6.5)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	11	NT	NT
Selenium	340	10,000	NA	NT	NT	1.1	NT	NT
Vanadium	470	14,000	NA	NT	NT	32	NT	NT
Zinc	20,000	610,000	NA	NT	NT	77	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	ND<5.0	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	330	345	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-XXXXX	TB-XXXXX	TB-XXXXX	TB-XXXXX	TB-XXXXX
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)	(10-12)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	NT	ND<0.20	ND<0.20	NT	NT
Acenaphthylene	1,000	2,500	84	NT	2.0	ND<0.20	NT	NT
Anthracene	1,000	2,500	400	NT	0.64	ND<0.20	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	**2.6**	ND<0.20	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	**4.1**	ND<0.20	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	**4.5**	ND<0.20	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	2.5	ND<0.20	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	**2.0**	ND<0.20	NT	NT
Chrysene	84	780	1	NT	**3.0**	ND<0.20	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	0.63	ND<0.20	NT	NT
Fluoranthene	1,000	2,500	**56**	NT	2.8	0.23	NT	NT
Fluorene	1,000	2,500	56	NT	0.21	ND<0.20	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	**2.3**	ND<0.20	NT	NT
Naphthalene	1,000	2,500	56	NT	0.79	ND<0.20	NT	NT
Phenanthrene	1,000	2,500	**40**	NT	1.2	ND<0.20	NT	NT
Pyrene	1,000	2,500	**40**	NT	5.8	0.27	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	ND<0.001	ND<0.001	NT	ND<0.001
sec-Butylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	NT	ND<0.005
Ethylbenzene	500	1,000	10.1	NT	ND<0.005	ND<0.005	NT	ND<0.005
Isopropylbenzene	500	1,000	132	NT	ND<0.005	ND<0.005	NT	ND<0.005
4-Isopropyltoluene	500	1,000	41.8	NT	ND<0.005	ND<0.005	NT	ND<0.005
Naphthalene	1,000	2,500	56	NT	ND<0.005	ND<0.005	NT	ND<0.005
n-Propylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	NT	ND<0.005
Tetrachloroethene	12	110	1	NT	0.012	0.0051	NT	ND<0.005

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-XXXXX	TB-XXXXX	TB-XXXXX	TB-XXXXX	TB-XXXXX
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)	(10-12)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	ND<0.005	ND<0.005	NT	ND<0.005
1,1,1-Trichloroethane	500	1,000	40	NT	ND<0.005	ND<0.005	NT	ND<0.005
1,2,4-Trimethylbenzene	500	1,000	70	NT	ND<0.005	ND<0.005	NT	ND<0.005
1,3,5-Trimethylbenzene	500	1,000	70	NT	ND<0.005	ND<0.005	NT	ND<0.005
Xylenes (total)	500	1,000	19.5	NT	ND<0.005	ND<0.005	NT	ND<0.005
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	ND<0.004	NT	NT
Barium	NA	NA	10	NT	NT	0.42	NT	NT
Copper	NA	NA	13	NT	NT	ND<0.04	NT	NT
Lead	NA	NA	0.15	NT	NT	ND<0.013	NT	NT
Thallium	NA	NA	0.05	NT	NT	ND<0.005	NT	NT
Vanadium	NA	NA	**0.50**	NT	NT	ND<0.05	NT	NT
Zinc	NA	NA	50	NT	NT	0.58	NT	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	3.3	NT	NT
Arsenic	**10**	**10**	NA	NT	3.8	4.3	4.2	ND<1.0
Barium	4,700	140,000	NA	NT	NT	15	NT	NT
Chromium	100*	100*	NA	NT	NT	16	NT	NT
Copper	2,500	76,000	NA	NT	NT	62	NT	NT
Lead	500	1,000	NA	NT	NT	26	NT	NT
Mercury	20	610	NA	NT	NT	1.1	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-XXXXX	TB-XXXXX	TB-XXXXX	TB-XXXXX	TB-XXXXX
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)	(10-12)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	15	NT	NT
Selenium	340	10,000	NA	NT	NT	1.6	NT	NT
Vanadium	470	14,000	NA	NT	NT	18	NT	NT
Zinc	20,000	610,000	NA	NT	NT	30	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	ND<5.0	NT	ND<5.0
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	286	ND<50	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

Ta[redacted] outh.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-YYYYY	TB-YYYYY	TB-YYYYY	TB-ZZZZZ	TB-ZZZZZ
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-2.3)	(4-6)	(0.0-0.3)	(0.3-2.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	NT	NT	NT	NT	ND<0.20
Acenaphthylene	1,000	2,500	84	NT	NT	NT	NT	ND<0.20
Anthracene	1,000	2,500	400	NT	NT	NT	NT	ND<0.20
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	NT	NT	0.38
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	NT	NT	0.41
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	NT	NT	0.44
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	NT	0.46
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	NT	NT	ND<0.20
Chrysene	84	780	**1**	NT	NT	NT	NT	0.40
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	NT	NT	ND<0.20
Fluoranthene	1,000	2,500	**56**	NT	NT	NT	NT	0.59
Fluorene	1,000	2,500	56	NT	NT	NT	NT	ND<0.20
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	NT	NT	0.41
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	ND<0.20
Phenanthrene	1,000	2,500	**40**	NT	NT	NT	NT	0.25
Pyrene	1,000	2,500	**40**	NT	NT	NT	NT	0.68
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	ND<0.001	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	ND<0.005	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	ND<0.005	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	ND<0.005	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	ND<0.005	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.005	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	ND<0.005	NT	NT
Tetrachloroethene	12	110	1	NT	NT	ND<0.005	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-YYYYY	TB-YYYYY	TB-YYYYY	TB-ZZZZZ	TB-ZZZZZ
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-2.3)	(4-6)	(0.0-0.3)	(0.3-2.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	ND<0.005	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	ND<0.005	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	ND<0.005	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	NT	NT	ND<0.004
Barium	NA	NA	10	NT	NT	NT	NT	0.56
Copper	NA	NA	13	NT	NT	NT	NT	ND<0.04
Lead	NA	NA	0.15	NT	NT	NT	NT	ND<0.013
Thallium	NA	NA	0.05	NT	NT	NT	NT	ND<0.005
Vanadium	NA	NA	**0.50**	NT	NT	NT	NT	ND<0.05
Zinc	NA	NA	50	NT	NT	NT	NT	0.27
Total Metals								
Antimony	27	8,200	NA	NT	NT	NT	NT	ND<2.0
Arsenic	**10**	**10**	NA	NT	2.2	4.6	NT	ND<1.0
Barium	4,700	140,000	NA	NT	NT	NT	NT	14
Chromium	100*	100*	NA	NT	NT	NT	NT	5.1
Copper	2,500	76,000	NA	NT	NT	NT	NT	30
Lead	500	1,000	NA	NT	NT	NT	NT	28
Mercury	20	610	NA	NT	NT	NT	NT	ND<0.20

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-YYYYY	TB-YYYYY	TB-YYYYY	TB-ZZZZZ	TB-ZZZZZ
Depth Below Grade (ft.)				(0.0-0.3)	(0.3-2.3)	(4-6)	(0.0-0.3)	(0.3-2.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	NT	NT	6.8
Selenium	340	10,000	NA	NT	NT	NT	NT	ND<1.0
Vanadium	470	14,000	NA	NT	NT	NT	NT	52
Zinc	20,000	610,000	NA	NT	NT	NT	NT	27
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	NT	NT	ND<50

Notes:
mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-ZZZZZ	TB-ZZZZZ	TB-ZZZZZ	TB-AAAAAA	TB-AAAAAA
Depth Below Grade (ft.)				(2.3-4.3)	(5-7)	(10-12)	(0.0-0.3)	(0.3-2.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	0.28	NT	NT	NT	ND<0.20
Acenaphthylene	1,000	2,500	84	7.7	NT	NT	NT	0.49
Anthracene	1,000	2,500	400	2.9	NT	NT	NT	0.35
Benzo[a]anthracene	**1**	**7.8**	**1**	**3.2**	NT	NT	NT	0.93
Benzo[a]pyrene	**1**	**1**	**1**	**7.3**	NT	NT	NT	**1.2**
Benzo[b]fluoranthene	**1**	**7.8**	**1**	**6.0**	NT	NT	NT	**1.1**
Benzo[g,h,i]perylene	1,000	2,500	42	5.1	NT	NT	NT	1.1
Benzo[k]fluoranthene	**8.4**	78	**1**	**2.6**	NT	NT	NT	0.43
Chrysene	84	780	**1**	**3.5**	NT	NT	NT	0.94
Dibenz[a,h]anthracene	**1**	**1**	**1**	**1.1**	NT	NT	NT	0.23
Fluoranthene	1,000	2,500	**56**	3.8	NT	NT	NT	1.2
Fluorene	1,000	2,500	56	1.2	NT	NT	NT	ND<0.20
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	**3.9**	NT	NT	NT	0.98
Naphthalene	1,000	2,500	56	3.4	NT	NT	NT	ND<0.20
Phenanthrene	1,000	2,500	**40**	4.3	NT	NT	NT	0.44
Pyrene	1,000	2,500	**40**	7.3	NT	NT	NT	1.5
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	ND<0.001	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	ND<0.005	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	ND<0.005	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	ND<0.005	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	ND<0.005	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.005	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	ND<0.005	NT	NT
Tetrachloroethene	12	110	1	NT	NT	ND<0.005	NT	NT

Table South.1

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-ZZZZZ	TB-ZZZZZ	TB-ZZZZZ	TB-AAAAAA	TB-AAAAAA
Depth Below Grade (ft.)				(2.3-4.3)	(5-7)	(10-12)	(0.0-0.3)	(0.3-2.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	ND<0.005	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	ND<0.005	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	ND<0.005	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	ND<0.005	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	**1.4**	**5.7**
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	NT	ND<0.0005	ND<0.0005
SPLP Metals								
Arsenic	NA	NA	0.5	0.0099	NT	NT	NT	ND<0.004
Barium	NA	NA	10	0.67	NT	NT	NT	0.41
Copper	NA	NA	13	ND<0.04	NT	NT	NT	ND<0.04
Lead	NA	NA	0.15	0.033	NT	NT	NT	ND<0.013
Thallium	NA	NA	0.05	ND<0.005	NT	NT	NT	ND<0.005
Vanadium	NA	NA	**0.50**	ND<0.05	NT	NT	NT	0.20
Zinc	NA	NA	50	0.41	NT	NT	NT	0.22
Total Metals								
Antimony	27	8,200	NA	ND<2.0	NT	NT	NT	ND<2.0
Arsenic	**10**	**10**	NA	3.5	7.1	1.6	NT	2.2
Barium	4,700	140,000	NA	26	NT	NT	NT	27
Chromium	100*	100*	NA	8.9	NT	NT	NT	18
Copper	2,500	76,000	NA	69	NT	NT	NT	42
Lead	500	1,000	NA	65	NT	NT	NT	40
Mercury	20	610	NA	ND<0.20	NT	NT	NT	ND<0.20

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-ZZZZZ	TB-ZZZZZ	TB-ZZZZZ	TB-AAAAAA	TB-AAAAAA
Depth Below Grade (ft.)				(2.3-4.3)	(5-7)	(10-12)	(0.0-0.3)	(0.3-2.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	8.6	NT	NT	NT	130
Selenium	340	10,000	NA	ND<1.0	NT	NT	NT	ND<1.0
Vanadium	470	14,000	NA	24	NT	NT	NT	380
Zinc	20,000	610,000	NA	74	NT	NT	NT	53
Cyanide (Total)	1,400	41,000	NA	ND<5.0	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	**500**	2,500	2,500	85	NT	NT	NT	125

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-AAAAAA	TB-AAAAAA	TB-BBBBBB	TB-BBBBBB	TB-BBBBBB
Depth Below Grade (ft.)				(2.3-4.3)	(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	ND<1.0	0.63	NT	0.63	0.49
Acenaphthylene	1,000	2,500	84	ND<1.0	3.3	NT	0.27	1.4
Anthracene	1,000	2,500	400	ND<1.0	5.6	NT	1.9	2.2
Benzo[a]anthracene	**1**	**7.8**	1	ND<1.0	**41**	NT	**8.0**	**6.0**
Benzo[a]pyrene	**1**	**1**	1	ND<1.0	**33**	NT	**5.5**	**7.3**
Benzo[b]fluoranthene	**1**	**7.8**	1	ND<1.0	**67**	NT	**8.2**	**8.6**
Benzo[g,h,i]perylene	1,000	2,500	42	ND<1.0	22	NT	2.8	2.9
Benzo[k]fluoranthene	**8.4**	78	**1**	ND<1.0	**19**	NT	**3.1**	**4.8**
Chrysene	84	780	**1**	ND<1.0	**30**	NT	**8.8**	**6.5**
Dibenz[a,h]anthracene	**1**	**1**	**1**	ND<1.0	**1.9**	NT	0.75	0.99
Fluoranthene	1,000	2,500	**56**	ND<1.0	40	NT	19	11
Fluorene	1,000	2,500	56	ND<1.0	1.0	NT	0.49	0.59
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	ND<1.0	**28**	NT	**3.6**	**3.5**
Naphthalene	1,000	2,500	56	ND<1.0	1.7	NT	0.24	0.25
Phenanthrene	1,000	2,500	**40**	ND<1.0	11	NT	12	5.8
Pyrene	1,000	2,500	**40**	ND<1.0	**80**	NT	16	10
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	NT	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Tetrachloroethene	12	110	1	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-AAAAAA	TB-AAAAAA	TB-BBBBBB	TB-BBBBBB	TB-BBBBBB
Depth Below Grade (ft.)				(2.3-4.3)	(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	**2.9**	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT
Copper	NA	NA	13	NT	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	NT	NT	NT	NT
Vanadium	NA	NA	**0.50**	NT	NT	NT	NT	NT
Zinc	NA	NA	50	NT	NT	NT	NT	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	ND<1.0	**1.1**	4.0	5.8	9.1
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-AAAAAA	TB-AAAAAA	TB-BBBBBB	TB-BBBBBB	TB-BBBBBB
Depth Below Grade (ft.)				(2.3-4.3)	(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	ND<5.0	NT	NT	NT	ND<5.0
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	348	NT	NT	NT	156

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-BBBBBB	TB-BBBBBB	TB-CCCCCC	TB-CCCCCC	TB-CCCCCC
Depth Below Grade (ft.)				(5-7)	(10-12)	(0.0-0.3)	(0.3-2.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	NT	NT	NT	ND<0.20	NT
Acenaphthylene	1,000	2,500	84	NT	NT	NT	ND<0.20	NT
Anthracene	1,000	2,500	400	NT	NT	NT	ND<0.20	NT
Benzo[a]anthracene	1	7.8	1	NT	NT	NT	ND<0.20	NT
Benzo[a]pyrene	1	1	1	NT	NT	NT	ND<0.20	NT
Benzo[b]fluoranthene	1	7.8	1	NT	NT	NT	ND<0.20	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	ND<0.20	NT
Benzo[k]fluoranthene	8.4	78	1	NT	NT	NT	ND<0.20	NT
Chrysene	84	780	1	NT	NT	NT	ND<0.20	NT
Dibenz[a,h]anthracene	1	1	1	NT	NT	NT	ND<0.20	NT
Fluoranthene	1,000	2,500	56	NT	NT	NT	ND<0.20	NT
Fluorene	1,000	2,500	56	NT	NT	NT	ND<0.20	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	NT	NT	ND<0.20	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	ND<0.20	NT
Phenanthrene	1,000	2,500	40	NT	NT	NT	ND<0.20	NT
Pyrene	1,000	2,500	40	NT	NT	NT	ND<0.20	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	NT	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Tetrachloroethene	12	110	1	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-BBBBBB	TB-BBBBBB	TB-CCCCCC	TB-CCCCCC	TB-CCCCCC
Depth Below Grade (ft.)				(5-7)	(10-12)	(0.0-0.3)	(0.3-2.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	**1.3**
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	ND<0.0005
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	NT	ND<0.004	NT
Barium	NA	NA	10	NT	NT	NT	0.22	NT
Copper	NA	NA	13	NT	NT	NT	ND<0.04	NT
Lead	NA	NA	0.15	NT	NT	NT	ND<0.013	NT
Thallium	NA	NA	0.05	NT	NT	NT	ND<0.005	NT
Vanadium	NA	NA	**0.50**	NT	NT	NT	ND<0.05	NT
Zinc	NA	NA	50	NT	NT	NT	0.10	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	NT	ND<2.0	NT
Arsenic	**10**	**10**	NA	6.9	4.2	NT	ND<1.0	9.0
Barium	4,700	140,000	NA	NT	NT	NT	19	NT
Chromium	100*	100*	NA	NT	NT	NT	4.9	NT
Copper	2,500	76,000	NA	NT	NT	NT	24	NT
Lead	500	1,000	NA	NT	NT	NT	7.4	NT
Mercury	20	610	NA	NT	NT	NT	ND<0.20	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-BBBBBB	TB-BBBBBB	TB-CCCCCC	TB-CCCCCC	TB-CCCCCC
Depth Below Grade (ft.)				(5-7)	(10-12)	(0.0-0.3)	(0.3-2.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	NT	8.6	NT
Selenium	340	10,000	NA	NT	NT	NT	ND<1.0	NT
Vanadium	470	14,000	NA	NT	NT	NT	33	NT
Zinc	20,000	610,000	NA	NT	NT	NT	50	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	ND<5.0	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	NT	ND<50	75

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Tab[redacted]uth.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-CCCCCC	TB-DDDDDD	TB-DDDDDD	TB-DDDDDD	TB-DDDDDD
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	NT	NT	ND<0.20	ND<0.20	NT
Acenaphthylene	1,000	2,500	84	NT	NT	ND<0.20	ND<0.20	NT
Anthracene	1,000	2,500	400	NT	NT	ND<0.20	0.21	NT
Benzo[a]anthracene	**1**	**7.8**	1	NT	NT	ND<0.20	**1.3**	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	ND<0.20	**1.5**	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	ND<0.20	**2.0**	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	ND<0.20	0.68	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	ND<0.20	**1.1**	NT
Chrysene	84	780	**1**	NT	NT	ND<0.20	**1.5**	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	ND<0.20	0.22	NT
Fluoranthene	1,000	2,500	**56**	NT	NT	ND<0.20	2.6	NT
Fluorene	1,000	2,500	56	NT	NT	ND<0.20	ND<0.20	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	ND<0.20	0.83	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.20	ND<0.20	NT
Phenanthrene	1,000	2,500	**40**	NT	NT	ND<0.20	1.8	NT
Pyrene	1,000	2,500	**40**	NT	NT	ND<0.20	2.3	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	NT	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Tetrachloroethene	12	110	1	NT	NT	NT	NT	NT

Ta[redacted]uth.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-CCCCCC	TB-DDDDDD	TB-DDDDDD	TB-DDDDDD	TB-DDDDDD
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	1	10	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT
Copper	NA	NA	13	NT	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	NT	NT	NT	NT
Vanadium	NA	NA	0.50	NT	NT	NT	NT	NT
Zinc	NA	NA	50	NT	NT	NT	NT	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	NT	NT	NT
Arsenic	10	10	NA	1.4	NT	ND<1.0	3.0	4.1
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-CCCCCC	TB-DDDDDD	TB-DDDDDD	TB-DDDDDD	TB-DDDDDD
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	ND<50	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Ta[redacted]outh.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-DDDDDD	TB-EEEEEE	TB-EEEEEE	TB-EEEEEE	TB-EEEEEE
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	NT	NT	ND<0.20	ND<0.20	NT
Acenaphthylene	1,000	2,500	84	NT	NT	ND<0.20	ND<0.20	NT
Anthracene	1,000	2,500	400	NT	NT	ND<0.20	ND<0.20	NT
Benzo[a]anthracene	1	7.8	1	NT	NT	0.46	0.50	NT
Benzo[a]pyrene	1	1	1	NT	NT	0.51	0.64	NT
Benzo[b]fluoranthene	1	7.8	1	NT	NT	0.78	0.82	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	0.23	0.33	NT
Benzo[k]fluoranthene	8.4	78	1	NT	NT	0.41	0.46	NT
Chrysene	84	780	1	NT	NT	0.59	0.57	NT
Dibenz[a,h]anthracene	1	1	1	NT	NT	ND<0.20	ND<0.20	NT
Fluoranthene	1,000	2,500	56	NT	NT	0.87	0.81	NT
Fluorene	1,000	2,500	56	NT	NT	ND<0.20	ND<0.20	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	NT	0.30	0.38	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.20	ND<0.20	NT
Phenanthrene	1,000	2,500	40	NT	NT	0.29	0.38	NT
Pyrene	1,000	2,500	40	NT	NT	0.80	0.77	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	NT	ND<0.001	NT
sec-Butylbenzene	500	1,000	14	NT	NT	NT	ND<0.005	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	ND<0.005	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	ND<0.005	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	NT	ND<0.005	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	ND<0.005	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	ND<0.005	NT
Tetrachloroethene	12	110	1	NT	NT	NT	ND<0.005	NT

Ta[redacted]uth.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-DDDDDD	TB-EEEEEE	TB-EEEEEE	TB-EEEEEE	TB-EEEEEE
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	NT	ND<0.005	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	ND<0.005	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	NT	ND<0.005	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	NT	ND<0.005	NT
Xylenes (total)	500	1,000	19.5	NT	NT	NT	ND<0.005	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	ND<0.50	**42**	ND<0.50	**2.6**
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	0.0018	NT	ND<0.0005
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	NT	0.014	NT
Barium	NA	NA	10	NT	NT	NT	0.67	NT
Copper	NA	NA	13	NT	NT	NT	ND<0.04	NT
Lead	NA	NA	0.15	NT	NT	NT	ND<0.013	NT
Thallium	NA	NA	0.05	NT	NT	NT	ND<0.005	NT
Vanadium	NA	NA	**0.50**	NT	NT	NT	ND<0.05	NT
Zinc	NA	NA	50	NT	NT	NT	0.39	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	NT	ND<2.0	NT
Arsenic	**10**	**10**	NA	**12**	NT	2.4	9.7	**11**
Barium	4,700	140,000	NA	NT	NT	NT	36	NT
Chromium	100*	100*	NA	NT	NT	NT	10	NT
Copper	2,500	76,000	NA	NT	NT	NT	72	NT
Lead	500	1,000	NA	NT	NT	NT	58	NT
Mercury	20	610	NA	NT	NT	NT	3.0	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-DDDDDD	TB-EEEEEE	TB-EEEEEE	TB-EEEEEE	TB-EEEEEE
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	NT	9.3	NT
Selenium	340	10,000	NA	NT	NT	NT	ND<1.0	NT
Vanadium	470	14,000	NA	NT	NT	NT	23	NT
Zinc	20,000	610,000	NA	NT	NT	NT	78	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	ND<5.0	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	ND<50	ND<50	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Tab[redacted]uth.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-EEEEEE	TB-FFFFFF	TB-FFFFFF	TB-FFFFFF	TB-FFFFFF
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	NT	NT	ND<0.20	ND<0.20	NT
Acenaphthylene	1,000	2,500	84	NT	NT	ND<0.20	ND<0.20	NT
Anthracene	1,000	2,500	400	NT	NT	ND<0.20	ND<0.20	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	ND<0.20	ND<0.20	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	ND<0.20	ND<0.20	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	ND<0.20	ND<0.20	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	ND<0.20	ND<0.20	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	ND<0.20	ND<0.20	NT
Chrysene	84	780	**1**	NT	NT	ND<0.20	ND<0.20	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	ND<0.20	ND<0.20	NT
Fluoranthene	1,000	2,500	**56**	NT	NT	ND<0.20	ND<0.20	NT
Fluorene	1,000	2,500	56	NT	NT	ND<0.20	ND<0.20	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	ND<0.20	ND<0.20	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.20	ND<0.20	NT
Phenanthrene	1,000	2,500	**40**	NT	NT	ND<0.20	ND<0.20	NT
Pyrene	1,000	2,500	**40**	NT	NT	ND<0.20	ND<0.20	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	NT	NT	NT	NT	NT
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT
Tetrachloroethene	12	110	1	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations
to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-EEEEEE	TB-FFFFFF	TB-FFFFFF	TB-FFFFFF	TB-FFFFFF
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	NT	NT	NT	NT	NT
Xylenes (total)	500	1,000	19.5	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	**1**	**10**	NA	ND<0.50	**7.5**	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	ND<0.0005	NT	NT	NT
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	ND<0.004	ND<0.004	NT
Barium	NA	NA	10	NT	NT	0.34	0.42	NT
Copper	NA	NA	13	NT	NT	ND<0.04	ND<0.04	NT
Lead	NA	NA	0.15	NT	NT	ND<0.013	ND<0.013	NT
Thallium	NA	NA	0.05	NT	NT	ND<0.005	ND<0.005	NT
Vanadium	NA	NA	**0.50**	NT	NT	ND<0.05	ND<0.05	NT
Zinc	NA	NA	50	NT	NT	0.27	0.23	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	ND<2.0	ND<2.0	NT
Arsenic	**10**	**10**	NA	5.8	NT	ND<1.0	ND<1.0	ND<1.0
Barium	4,700	140,000	NA	NT	NT	19	9.6	NT
Chromium	100*	100*	NA	NT	NT	4.4	3.0	NT
Copper	2,500	76,000	NA	NT	NT	6.9	37	NT
Lead	500	1,000	NA	NT	NT	21	4.6	NT
Mercury	20	610	NA	NT	NT	ND<0.20	ND<0.20	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-EEEEEE	TB-FFFFFF	TB-FFFFFF	TB-FFFFFF	TB-FFFFFF
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(5-7)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	2.9	6.4	NT
Selenium	340	10,000	NA	NT	NT	ND<1.0	ND<1.0	NT
Vanadium	470	14,000	NA	NT	NT	14	61	NT
Zinc	20,000	610,000	NA	NT	NT	14	24	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	**500**	2,500	2,500	NT	NT	ND<50	ND<50	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Ta[illegible]uth.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-FFFFFF	TB-GGGGGG	TB-GGGGGG	TB-GGGGGG	TB-GGGGGG
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(10-12)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)								
Acenaphthene	1,000	2,500	84	0.26	NT	ND<0.20	ND<0.20	NT
Acenaphthylene	1,000	2,500	84	ND<0.20	NT	ND<0.20	ND<0.20	NT
Anthracene	1,000	2,500	400	0.34	NT	ND<0.20	ND<0.20	NT
Benzo[a]anthracene	1	7.8	1	0.38	NT	ND<0.20	ND<0.20	NT
Benzo[a]pyrene	1	1	1	0.43	NT	ND<0.20	ND<0.20	NT
Benzo[b]fluoranthene	1	7.8	1	0.46	NT	ND<0.20	ND<0.20	NT
Benzo[g,h,i]perylene	1,000	2,500	42	ND<0.20	NT	ND<0.20	ND<0.20	NT
Benzo[k]fluoranthene	8.4	78	1	ND<0.20	NT	ND<0.20	ND<0.20	NT
Chrysene	84	780	1	0.40	NT	ND<0.20	ND<0.20	NT
Dibenz[a,h]anthracene	1	1	1	ND<0.20	NT	ND<0.20	ND<0.20	NT
Fluoranthene	1,000	2,500	56	0.86	NT	ND<0.20	ND<0.20	NT
Fluorene	1,000	2,500	56	ND<0.20	NT	ND<0.20	ND<0.20	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	0.21	NT	ND<0.20	ND<0.20	NT
Naphthalene	1,000	2,500	56	0.24	NT	ND<0.20	ND<0.20	NT
Phenanthrene	1,000	2,500	40	0.86	NT	ND<0.20	ND<0.20	NT
Pyrene	1,000	2,500	40	0.88	NT	ND<0.20	ND<0.20	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Benzene	21	200	0.2	ND<0.001	NT	NT	NT	NT
sec-Butylbenzene	500	1,000	14	ND<0.005	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	ND<0.005	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	ND<0.005	NT	NT	NT	NT
4-Isopropyltoluene	500	1,000	41.8	ND<0.005	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	ND<0.005	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	ND<0.005	NT	NT	NT	NT
Tetrachloroethene	12	110	1	ND<0.005	NT	NT	NT	NT

Ta[redacted]outh.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-FFFFFF	TB-GGGGGG	TB-GGGGGG	TB-GGGGGG	TB-GGGGGG
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(10-12)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
USEPA Method 8260 Volatile Organic Compounds (VOCs)								
Toluene	500	1,000	67	ND<0.005	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	ND<0.005	NT	NT	NT	NT
1,2,4-Trimethylbenzene	500	1,000	70	ND<0.005	NT	NT	NT	NT
1,3,5-Trimethylbenzene	500	1,000	70	ND<0.005	NT	NT	NT	NT
Xylenes (total)	500	1,000	19.5	ND<0.005	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)								
PCB-1260	1	10	NA	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SPLP PCBs USEPA Method 8082								
PCB-1260	NA	NA	0.005	NT	NT	NT	NT	NT
SPLP Metals								
Arsenic	NA	NA	0.5	NT	NT	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT
Copper	NA	NA	13	NT	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	NT	NT
Thallium	NA	NA	0.05	NT	NT	NT	NT	NT
Vanadium	NA	NA	0.50	NT	NT	NT	NT	NT
Zinc	NA	NA	50	NT	NT	NT	NT	NT
Total Metals								
Antimony	27	8,200	NA	NT	NT	NT	NT	NT
Arsenic	10	10	NA	3.8	NT	ND<1.0	ND<1.0	ND<1.0
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT

Table South.1
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)				
	Residential	Industrial/ Commercial	GB Area	TB-FFFFFF	TB-GGGGGG	TB-GGGGGG	TB-GGGGGG	TB-GGGGGG
Depth Below Grade (ft.)				(10-12)	(0.0-0.3)	(0.3-2.3)	(2.3-4.3)	(10-12)
Sampling Date				7/22/02	7/22/02	7/22/02	7/22/02	7/22/02
Total Metals								
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT
Vanadium	470	14,000	NA	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT
Cyanide (Total)	1,400	41,000	NA	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	ND<50	ND<50	NT

Notes:
- mg/kg = milligrams per kilogram.
- ppm = Parts per million (comparable to mg/kg).
- NA = Not applicable.
- ND = Not detected above laboratory minimum detection limit.
- NT = Not tested.
- SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
- • = 100 mg/kg for hexavalent chromium.
- ☐ = Concentration exceeds associated criterion.

Table South.2
Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)		
	Residential	Industrial/ Commercial	GB Area	SS-QQ	SS-RR	SS-SS
Depth Below Grade (ft.)				(0.5-1.0)	(0.3-0.5)	(0.3-0.5)
Sampling Date				7/18/02	7/19/02	7/19/02
SPLP Metals						
Arsenic	NA	NA	0.5	ND<0.004	ND<0.004	NT
Total Metals						
Antimony	27	8,200	NA	NT	7.6	NT
Arsenic	10	10	NA	ND<1.0	13	2.6
Barium	4,700	140,000	NA	NT	60	NT
Chromium	100*	100*	NA	NT	37	NT
Copper	2,500	76,000	NA	NT	120	NT
Lead	500	1,000	NA	NT	160	NT
Mercury	20	610	NA	NT	0.25	NT
Nickel	1,400	7,500	NA	NT	51	NT
Selenium	340	10,000	NA	NT	2.8	NT
Vanadium	470	14,000	NA	NT	150	NT
Zinc	20,000	610,000	NA	NT	210	NT
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)						
Acenaphthene	1,000	2,500	84	ND<0.20	0.25	ND<0.20
Acenaphthylene	1,000	2,500	84	0.50	0.27	ND<0.20
Anthracene	1,000	2,500	400	ND<0.20	0.47	ND<0.20
Benzo[a]anthracene	1	7.8	1	0.26	2.3	0.26
Benzo[a]pyrene	1	1	1	0.29	2.2	0.36
Benzo[b]fluoranthene	1	7.8	1	0.37	3.5	0.55
Benzo[g,h,i]perylene	1,000	2,500	42	0.37	1.3	ND<0.20
Benzo[k]fluoranthene	8.4	78	1	ND<0.20	1.3	0.24
Chrysene	84	780	1	0.39	3.0	0.36
Dibenz[a,h]anthracene	1	1	1	ND<0.20	0.41	ND<0.20
Fluoranthene	1,000	2,500	56	0.54	5.2	0.61
Fluorene	1,000	2,500	56	ND<0.20	0.20	ND<0.20

Table South.2
Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, Connecticut

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)		
	Residential	Industrial/ Commercial	GB Area	SS-QQ	SS-RR	SS-SS
Depth Below Grade (ft.)				(0.5-1.0)	(0.3-0.5)	(0.3-0.5)
Sampling Date				7/18/02	7/19/02	7/19/02
USEPA Method 8270C Polynuclear Aromatic Hydrocarbons (PAHs)						
Indeno[1,2,3-cd]pyrene	1	7.8	1	0.36	**1.5**	ND<0.20
Naphthalene	1,000	2,500	56	ND<0.20	0.20	ND<0.20
Phenanthrene	1,000	2,500	40	0.26	3.3	0.23
Pyrene	1,000	2,500	40	0.53	4.4	0.53
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)						
PCB-1260	1	10	NA	ND<0.50	1.0	**3.2**
SPLP PCBs USEPA Method 8082						
PCB-1260	NA	NA	0.005	ND<0.0005	ND<0.0005	ND<0.0005
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	56	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected.
NT = Not tested.
< = Less than minimum detection limit.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

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Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-1	MW-2	MW-3			MW-4D		
Sample Collection Date				6-18-98	6-18-98	6-18-98	5-29-01	9-11-01	6-18-98	6-1-01	9-14-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	0.5	NC	NC	NT	NT	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)											
Acenaphthene	NC	NC	NC	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Acenaphthylene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Benzo[a]anthracene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.06	ND<0.06
Benzo[a]pyrene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20
Benzo[b]fluoranthene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<20	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0
Benzo[k]fluoranthene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<20	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<20	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50
Phenanthrene	0.3	NC	NC	ND<0.07	ND<0.07	ND<0.07	ND<0.077	ND<0.077	ND<0.07	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)											
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	1	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5.0	3.3	2.2
4-Isopropyltoluene	NC	NC	NC	NT	NT	NT	ND<1.0	ND<1.0	NT	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.0	2.1	ND<1.0

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-1	MW-2	MW-3			MW-4D		
Sample Collection Date				6-18-98	6-18-98	6-18-98	5-29-01	9-11-01	6-18-98	6-1-01	9-14-01
Total Metals											
Arsenic	**4**	NC	NC	ND<50	ND<50	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4
Barium	NC	NC	NC	ND<500	ND<500	ND<500	ND<50	82	ND<500	ND<50	ND<50
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	NT	NT	NT	ND<40	ND<40	NT	ND<40	ND<40
Lead	**13**	NC	NC	ND<5	ND<5	ND<5	ND<13	ND<13	ND<5	ND<13	ND<13
Nickel	880	NC	NC	NT	NT	NT	ND<50	ND<50	NT	ND<50	ND<50
Selenium	**50**	NC	NC	ND<10	ND<10	ND<10	24	ND<10	20J	19	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	NT	NT	NT	ND<10	ND<10	NT	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	NT	NT	ND<100	ND<100	NT	ND<100	ND<100

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

[redacted]e 7
Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-4S			MW-5			MW-5A[1]	MW-6
Sample Collection Date				6-18-98	5-31-01	9-14-01	6-18-98	5-30-01	9-14-01	9-14-01	6-18-98
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	0.5	NC	NC	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50	ND<0.50	ND<1.0
USEPA Method 8270 Polynuclear Aromatics (PAHs)											
Acenaphthene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0
Acenaphthylene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0
Benzo[a]anthracene	0.3	NC	NC	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.06	ND<0.06	ND<0.06	ND<0.30
Benzo[a]pyrene	0.3	NC	NC	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20	ND<0.20	ND<0.30
Benzo[b]fluoranthene	0.3	NC	NC	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	ND<0.08	ND<0.08	ND<0.30
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<1.0	ND<20
Benzo[k]fluoranthene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<20
Fluoranthene	3,700	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0
Fluorene	140,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<20
Phenanthrene	0.3	NC	NC	ND<0.077	ND<0.077	ND<0.077	ND<0.07	ND<0.077	ND<0.077	ND<0.077	ND<0.07
Pyrene	110,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)											
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	4.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	1	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	ND<1.0	ND<1.0	NT	NT	ND<1.0	NT	NT
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

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Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-4S			MW-5			MW-5A(1)	MW-6
Sample Collection Date				6-18-98	5-31-01	9-14-01	6-18-98	5-30-01	9-14-01	9-14-01	6-18-98
Total Metals											
Arsenic	**4**	NC	NC	ND<50	ND<4	ND<4	ND<50	**86**	**29**	**38**	ND<50
Barium	NC	NC	NC	ND<500	ND<50	81	ND<500	ND<50	ND<50	ND<50	ND<500
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	NT	**76**	ND<40	NT	ND<40	ND<40	ND<40	NT
Lead	**13**	NC	NC	ND<5	ND<13	ND<13	**22**	ND<13	ND<13	ND<13	**21**
Nickel	880	NC	NC	NT	ND<50	ND<50	NT	ND<50	ND<50	ND<50	NT
Selenium	**50**	NC	NC	ND<10	ND<10	ND<10	ND<10	14	ND<10	ND<10	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	NT	120	40	NT	ND<10	ND<10	ND<10	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	ND<100	ND<100	NT	ND<100	ND<100	ND<100	NT

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-7			MW-9A			MW-10		
Sample Collection Date				6-18-98	5-29-01	9-11-01	6-18-98	5-30-01	9-13-01	6-19-98	5-30-01	9-12-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)												
Acenaphthene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	7.5	6.6	ND<5.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	**2.2**	**8.9**	**8.1**	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	1.3	2.5	ND<0.30	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	ND<0.30	ND<0.06	ND<0.06	ND<0.30	**0.33**	**5.6**	ND<0.30	ND<0.06	0.30
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	**4.4**	ND<0.30	ND<0.20	0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	**6.1**	ND<0.30	ND<0.08	0.25
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	1.0	ND<20	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	2.8	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	4.7	ND<5.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	4.5	16	ND<5.0	1.0	1.4
Fluorene	140,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	12	14	ND<5.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	1.3	ND<20	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	ND<0.07	ND<0.077	ND<0.077	**0.61**	**1.3**	**2.8**	ND<0.07	ND<0.077	0.19
Pyrene	110,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	3.5	13	ND<5.0	1.2	1.5
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)												
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5.0	2.9	6.3
1,1-Dichloroethene	96	1	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	ND<1.0	ND<1.0	NT	ND<1.0	ND<1.0	NT	NT	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.0	6.8	1.2
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-7			MW-9A			MW-10		
Sample Collection Date				6-18-98	5-29-01	9-11-01	6-18-98	5-30-01	9-13-01	6-19-98	5-30-01	9-12-01
Total Metals												
Arsenic	4	NC	NC	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4
Barium	NC	NC	NC	ND<500	ND<50	ND<50	ND<500	ND<50	ND<50	ND<500	ND<50	65
Cadmium	6	NC	NC	5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	48	NC	NC	NT	41	51	NT	ND<40	ND<40	NT	ND<40	ND<40
Lead	13	NC	NC	9	ND<13	ND<13	ND<5	ND<13	ND<13	ND<5	ND<13	ND<13
Nickel	880	NC	NC	NT	ND<50	ND<50	NT	ND<50	ND<50	NT	ND<50	ND<50
Selenium	50	NC	NC	ND<10	15	ND<10	ND<10	15	ND<10	R	14	12
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	123	NC	NC	NT	70	260	NT	ND<10	ND<10	NT	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	ND<100	ND<100	NT	490	120	NT	ND<100	ND<100

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test.
The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits.
Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-12			MW-13			MW-14D		
Sample Collection Date				6-19-98	5-31-01	9-12-01	6-19-98	5-31-01	9-13-01	6-18-98	5-31-01	9-13-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	ND<1.0	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)												
Acenaphthene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.06	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	ND<0.07	ND<0.077	ND<0.077	ND<0.07	ND<0.077	ND<0.077	ND<0.07	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)												
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	12	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	**1**	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	NT	ND<1.0	NT	ND<1.0	ND<1.0	NT	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-12			MW-13			MW-14D		
Sample Collection Date				6-19-98	5-31-01	9-12-01	6-19-98	5-31-01	9-13-01	6-18-98	5-31-01	9-13-01
Total Metals												
Arsenic	4	NC	NC	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4
Barium	NC	NC	NC	ND<500	ND<50	60	ND<500	ND<50	63	ND<500	160	190
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	48	NC	NC	NT	ND<40	ND<40	NT	ND<40	ND<40	NT	ND<40	ND<40
Lead	13	NC	NC	ND<5	ND<13	ND<13	7J	ND<13	ND<13	ND<5	ND<13	ND<13
Nickel	880	NC	NC	NT	ND<50	ND<50	NT	ND<50	ND<50	NT	ND<50	ND<50
Selenium	50	NC	NC	R	ND<10	ND<10	R	ND<10	ND<10	10J	29	13
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	123	NC	NC	NT	21	20	NT	ND<10	ND<10	NT	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	ND<100	180	NT	ND<100	ND<100	NT	130	ND<100

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-14S			MW-15			MW-16		
Sample Collection Date				6-19-98	5-31-01	9-13-01	6-18-98	5-30-01	9-13-01	6-18-98	5-30-01	9-13-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)												
Acenaphthene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	**0.47**	ND<0.06	0.09	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.06	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	**0.73**	ND<0.08	0.13	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	**0.92**	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	**0.36**	ND<0.077	0.11	ND<0.07	ND<0.077	ND<0.077	ND<0.07	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)												
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	1	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	ND<1.0	ND<1.0	NT	ND<1.0	ND<1.0	NT	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7
Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-14S			MW-15			MW-16		
Sample Collection Date				6-19-98	5-31-01	9-13-01	6-18-98	5-30-01	9-13-01	6-18-98	5-30-01	9-13-01
Total Metals												
Arsenic	**4**	NC	NC	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4
Barium	NC	NC	NC	ND<500	120	220	ND<500	ND<50	ND<50	ND<500	ND<50	51
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	NT	ND<40	ND<40	NT	ND<40	ND<40	NT	ND<40	ND<40
Lead	**13**	NC	NC	6J	ND<13	ND<13	ND<5	ND<13	ND<13	5J	ND<13	ND<13
Nickel	880	NC	NC	NT	ND<50	ND<50	NT	ND<50	ND<50	NT	ND<50	ND<50
Selenium	**50**	NC	NC	R	ND<10	ND<10	R	12	ND<10	R	ND<10	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	NT	NT	ND<10	NT	ND<10	ND<10	NT	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	ND<100	ND<100	NT	ND<100	ND<100	NT	ND<100	ND<100

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test.
The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits.
Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-17D			MW-17S			MW-18	
Sample Collection Date				6-18-98	5-31-01	9-13-01	6-19-98	5-30-01	9-13-01	5-30-01	9-13-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)											
Acenaphthene	NC	NC	NC	ND<5.0	3.5	2.6	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.06	ND<0.06	ND<0.06	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20	ND<0.20	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	ND<0.08	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0..50	ND<0.50	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	**0.54**	ND<0.077	ND<0.077	ND<0.07	**0.71**	ND<0.077	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)											
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	**1**	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	ND<1.0	ND<1.0	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7
Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-17D			MW-17S			MW-18	
Sample Collection Date				6-18-98	5-31-01	9-13-01	6-19-98	5-30-01	9-13-01	5-30-01	9-13-01
Total Metals											
Arsenic	4	NC	NC	ND<50	ND<4	ND<4	ND<50	ND<4	ND<4	ND<4	ND<4
Barium	NC	NC	NC	ND<500	110	120	ND<500	ND<50	80	ND<50	ND<50
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	48	NC	NC	NT	ND<40	ND<40	NT	ND<40	ND<40	ND<40	ND<40
Lead	13	NC	NC	ND<5	ND<13	ND<13	ND<5	ND<13	ND<13	ND<13	ND<13
Nickel	880	NC	NC	NT	ND<50	ND<50	NT	ND<50	ND<50	ND<50	ND<50
Selenium	50	NC	NC	ND<10	26	ND<10	R	12	ND<10	11	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	123	NC	NC	NT	ND<10	ND<10	NT	ND<10	ND<10	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	170	ND<100	NT	ND<100	ND<100	ND<100	ND<100

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test.
The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits.
Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)						
		Residential	Industrial/ Commercial	MW-19			MW-20	MW-21		
Sample Collection Date				6-18-98	5-30-01	9-13-01	6-18-98	6-18-98	5-30-01	9-13-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	NT	ND<0.50	ND<0.50	NT	ND<1.0	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)										
Acenaphthene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<1.5
Anthracene	1,100,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0
Benzo[a]anthracene	**0.3**	NC	NC	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.30	ND<0.06	**4.9**
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.30	ND<0.20	**4.8**
Benzo[b]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.30	ND<0.08	**6.8**
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<1.0	ND<1.0	ND<20	ND<20	ND<1.0	ND<5.0
Benzo[k]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	**3.7**
Chrysene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<5.0	ND<1.0	5.2
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<20	ND<0.50	ND<2.5
Fluoranthene	3,700	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<5.0	ND<1.0	13
Fluorene	140,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<20	ND<0.50	ND<2.5
Phenanthrene	**0.3**	NC	NC	**1.3**	ND<0.077	ND<0.077	ND<0.07	ND<0.07	ND<0.077	**1.8**
Pyrene	110,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<5.0	ND<1.0	16
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)										
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	**1**	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	ND<1.0	ND<1.0	NT	NT	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)						
		Residential	Industrial/ Commercial	MW-19			MW-20	MW-21		
Sample Collection Date				6-18-98	5-30-01	9-13-01	6-18-98	6-18-98	5-30-01	9-13-01
Total Metals										
Arsenic	4	NC	NC	ND<50	ND<4	ND<4	ND<50	ND<50	ND<4	ND<4
Barium	NC	NC	NC	ND<500	ND<50	ND<50	ND<500	ND<500	ND<50	83
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	48	NC	NC	NT	ND<40	ND<40	NT	NT	ND<40	ND<40
Lead	13	NC	NC	ND<5	ND<13	ND<13	ND<5	ND<5	ND<13	ND<13
Nickel	880	NC	NC	NT	ND<50	ND<50	NT	NT	ND<50	ND<50
Selenium	50	NC	NC	R	ND<10	ND<10	R	R	ND<10	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT
Zinc	123	NC	NC	NT	ND<10	ND<10	NT	NT	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	ND<100	860	NT	NT	520	2,200

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

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Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-22			MW-50					
Sample Collection Date				6-18-98	5-31-01	9-11-01	3-14-00	6-20-00	9-25-00	12-18-00	6-1-01	9-12-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	0.5	NC	NC	NT	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NT	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)												
Acenaphthene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Acenaphthylene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	NT	NT	NT	NT	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Benzo[a]anthracene	0.3	NC	NC	ND<0.30	ND<0.06	ND<0.06	NT	NT	NT	NT	ND<0.06	ND<0.06
Benzo[a]pyrene	0.3	NC	NC	ND<0.30	ND<0.20	ND<0.20	NT	NT	NT	NT	ND<0.20	ND<0.20
Benzo[b]fluoranthene	0.3	NC	NC	ND<0.30	ND<0.08	ND<0.08	NT	NT	NT	NT	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	ND<20	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Benzo[k]fluoranthene	0.3	NC	NC	ND<0.30	ND<0.30	ND<0.30	NT	NT	NT	NT	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<5.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	NT	NT	NT	NT	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<5.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<20	ND<0.50	ND<0.50	NT	NT	NT	NT	ND<0.50	ND<0.50
Phenanthrene	0.3	NC	NC	ND<0.07	ND<0.077	ND<0.077	NT	NT	NT	NT	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	ND<5.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)												
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	2.1
1,1-Dichloroethene	96	1	6	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	NT	NT	NT	NT	ND<1.0	ND<1.0

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-22			MW-50					
Sample Collection Date				6-18-98	5-31-01	9-11-01	3-14-00	6-20-00	9-25-00	12-18-00	6-1-01	9-12-01
Total Metals												
Arsenic	**4**	NC	NC	ND<50	ND<4	ND<4	NT	NT	NT	NT	ND<4	ND<4
Barium	NC	NC	NC	ND<500	ND<50	ND<50	NT	NT	NT	NT	ND<50	59
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	NT	NT	NT	NT	ND<5	ND<5
Copper	**48**	NC	NC	NT	ND<40	ND<40	NT	NT	NT	NT	ND<40	ND<40
Lead	**13**	NC	NC	ND<5	ND<13	ND<13	NT	NT	NT	NT	ND<13	ND<13
Nickel	880	NC	NC	NT	ND<50	ND<50	NT	NT	NT	NT	ND<50	ND<50
Selenium	**50**	NC	NC	ND<10	ND<10	ND<10	NT	NT	NT	NT	25	27
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	NT	110	48	NT	NT	NT	NT	12	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	ND<100	ND<100	NT	NT	NT	NT	350	240

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)						
		Residential	Industrial/ Commercial	MW-51						MW-51A[1]
Sample Collection Date				3-14-00	6-20-00	9-25-00	12-18-00	6-1-01	9-12-01	6-1-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)										
Acenaphthene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.06	0.11	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.08	0.18	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	NT	NT	NT	NT	ND<0.50	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	NT	NT	NT	NT	ND<0.50	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.077	0.08	ND<0.077
Pyrene	110,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)										
Bromodichloromethane	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	NT	NT	NT	NT	2.8	1.8	2.8
1,1-Dichloroethene	96	1	6	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0

Table 7
Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)						
		Residential	Industrial/ Commercial	MW-51						MW-51A[1]
Sample Collection Date				3-14-00	6-20-00	9-25-00	12-18-00	6-1-01	9-12-01	6-1-01
Total Metals										
Arsenic	**4**	NC	NC	NT	NT	NT	NT	ND<4	ND<4	ND<4
Barium	NC	NC	NC	NT	NT	NT	NT	67	84	64
Cadmium	6	NC	NC	NT	NT	NT	NT	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	NT	NT	NT	NT	ND<40	ND<40	ND<40
Lead	**13**	NC	NC	NT	NT	NT	NT	ND<13	ND<13	ND<13
Nickel	880	NC	NC	NT	NT	NT	NT	ND<50	ND<50	ND<50
Selenium	**50**	NC	NC	NT	NT	NT	NT	30	43	33
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	NT	NT	NT	NT	ND<10	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	NT	NT	NT	2,300	800	2,500

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)					
		Residential	Industrial/ Commercial	MW-52					
Sample Collection Date				3-14-00	6-20-00	9-25-00	12-18-00	5-31-01	9-13-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	0.5	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)									
Acenaphthene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
Acenaphthylene	0.3	NC	NC	NT	NT	NT	NT	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
Benzo[a]anthracene	0.3	NC	NC	NT	NT	NT	NT	ND<0.06	**0.68**
Benzo[a]pyrene	0.3	NC	NC	NT	NT	NT	NT	ND<0.20	**0.73**
Benzo[b]fluoranthene	0.3	NC	NC	NT	NT	NT	NT	ND<0.08	**1.1**
Benzo[g,h,i]perylene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
Benzo[k]fluoranthene	0.3	NC	NC	NT	NT	NT	NT	ND<0.30	**0.61**
Chrysene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	NT	NT	NT	NT	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	NT	NT	NT	NT	ND<1.0	1.8
Fluorene	140,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	NT	NT	NT	NT	ND<0.50	ND<0.50
Phenanthrene	0.3	NC	NC	NT	NT	NT	NT	ND<0.077	**0.39**
Pyrene	110,000	NC	NC	NT	NT	NT	NT	ND<1.0	1.5
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)									
Bromodichloromethane	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
Chloroform	14,100	287	710	NT	NT	NT	NT	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	NT	NT	NT	NT	1.7	4.2
1,1-Dichloroethene	96	1	6	NT	NT	NT	NT	1.7	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	NT	NT	NT	NT	1.9	1.2
1,1,1-Trichloroethane	62,000	20,400	50,000	NT	NT	NT	NT	16	14
Trichloroethene	2,340	219	540	NT	NT	NT	NT	ND<1.0	ND<1.0

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)					
		Residential	Industrial/ Commercial	MW-52					
Sample Collection Date				3-14-00	6-20-00	9-25-00	12-18-00	5-31-01	9-13-01
Total Metals									
Arsenic	**4**	NC	NC	NT	NT	NT	NT	ND<4	ND<4
Barium	NC	NC	NC	NT	NT	NT	NT	ND<50	ND<50
Cadmium	6	NC	NC	NT	NT	NT	NT	ND<5	ND<5
Copper	**48**	NC	NC	NT	NT	NT	NT	ND<40	ND<40
Lead	**13**	NC	NC	NT	NT	NT	NT	ND<13	ND<13
Nickel	880	NC	NC	NT	NT	NT	NT	ND<50	75
Selenium	**50**	NC	NC	NT	NT	NT	NT	45	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	NT	NT	NT	NT	ND<10	60
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	NT	NT	NT	960	1,500

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-53						MW-A	
Sample Collection Date				3-14-00	6-20-00	9-25-00	12-18-00	6-1-01	9-12-01	6-1-01	9-12-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)											
Acenaphthene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.06	ND<0.06	ND<0.06	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.08	ND<0.08	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	NT	NT	NT	NT	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	NT	NT	NT	NT	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	NT	NT	NT	NT	ND<0.077	0.21	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)											
Bromodichloromethane	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	NT	NT	NT	NT	ND<1.0	ND<1.0	1.4	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	NT	NT	NT	NT	1.6	3.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	**1**	6	NT	NT	NT	NT	**1.1**	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	NT	NT	NT	NT	12	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	NT	NT	NT	NT	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-53						MW-A	
Sample Collection Date				3-14-00	6-20-00	9-25-00	12-18-00	6-1-01	9-12-01	6-1-01	9-12-01
Total Metals											
Arsenic	4	NC	NC	NT	NT	NT	NT	ND<4	ND<4	ND<4	ND<4
Barium	NC	NC	NC	NT	NT	NT	NT	ND<50	52	110	95
Cadmium	6	NC	NC	NT	NT	NT	NT	ND<5	ND<5	ND<5	ND<5
Copper	48	NC	NC	NT	NT	NT	NT	ND<40	ND<40	ND<40	ND<40
Lead	13	NC	NC	NT	NT	NT	NT	ND<13	ND<13	ND<13	ND<13
Nickel	880	NC	NC	NT	NT	NT	NT	ND<50	ND<50	ND<50	ND<50
Selenium	50	NC	NC	NT	NT	NT	NT	29	22	16	12
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	123	NC	NC	NT	NT	NT	NT	20	ND<10	18	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	NT	NT	NT	NT	790	200	ND<100	ND<100

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-BD		MW-BS		MW-C		MW-D	
Sample Collection Date				5-31-01	9-13-01	5-31-01	9-11-01	5-29-01	9-11-01	5-29-01	9-11-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)											
Acenaphthene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	**0.42**	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	**0.99**	ND<0.06	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	**0.78**	ND<0.20	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	**0.92**	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	**0.47**	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.5	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.53	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	ND<0.077	ND<0.077	ND<0.077	0.14	0.16	**3.2**	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.1	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)											
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	**1**	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7
Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-BD		MW-BS		MW-C		MW-D	
Sample Collection Date				5-31-01	9-13-01	5-31-01	9-11-01	5-29-01	9-11-01	5-29-01	9-11-01
Total Metals											
Arsenic	**4**	NC	NC	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	**6**
Barium	NC	NC	NC	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	ND<40	ND<40	ND<40	ND<40	**71**	ND<40	ND<40	ND<40
Lead	**13**	NC	NC	ND<13	ND<13	ND<13	ND<13	**55**	ND<13	ND<13	ND<13
Nickel	880	NC	NC	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
Selenium	**50**	NC	NC	**67**	ND<10	ND<10	ND<10	**58**	ND<10	32	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	ND<10	ND<10	75	**140**	**220**	38	ND<10	13
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	110	ND<100	ND<100	320	ND<100	160	ND<100	140

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test.
The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits.
Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-E		MW-F		MW-G		MW-GA[1]	
Sample Collection Date				5-29-01	9-11-01	5-30-01	9-11-01	5-30-01	9-12-01	5-30-01	9-12-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)											
Acenaphthene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	1.9	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	**0.47**	ND<0.30	**1.5**	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	1.2	ND<1.0	2.5	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	ND<0.06	0.28	ND<0.06	**3.1**	ND<0.06	**10**	ND<0.06	**0.71**
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.20	ND<0.20	ND<0.20	**3.0**	ND<0.20	**11**	ND<0.20	**0.72**
Benzo[b]fluoranthene	**0.3**	NC	NC	ND<0.08	0.14	ND<0.08	**3.4**	ND<0.08	**16**	ND<0.08	**1.0**
Benzo[g,h,i]perylene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	2.1	ND<1.0	3.1	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	**1.4**	ND<0.30	**5.8**	ND<0.30	**0.37**
Chrysene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	3.1	ND<1.0	9.8	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.85	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<1.0	ND<1.0	ND<1.0	8.0	ND<1.0	19	ND<1.0	1.2
Fluorene	140,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	2.1	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<0.50	ND<0.50	ND<0.50	2.0	ND<0.50	4.1	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	ND<0.077	0.22	0.27	**6.7**	ND<0.077	**8.0**	ND<0.077	**0.47**
Pyrene	110,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	6.7	ND<1.0	20	ND<1.0	1.3
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)											
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	**1**	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7
Comparison of Ground Water Sample Analyte Concentrations
to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)							
		Residential	Industrial/ Commercial	MW-E		MW-F		MW-G		MW-GA(1)	
Sample Collection Date				5-29-01	9-11-01	5-30-01	9-11-01	5-30-01	9-12-01	5-30-01	9-12-01
Total Metals											
Arsenic	**4**	NC	NC	ND<4	ND<4	ND<4	**5**	ND<4	ND<4	ND<4	ND<4
Barium	NC	NC	NC	57	73	ND<50	ND<50	130	140	130	140
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40
Lead	**13**	NC	NC	ND<13	ND<13	ND<13	ND<13	**14**	ND<13	ND<13	ND<13
Nickel	880	NC	NC	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
Selenium	**50**	NC	NC	21	ND<10	22	ND<10	16	13	17	14
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	**123**	NC	NC	ND<10	ND<10	70	ND<10	ND<10	ND<10	ND<10	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	ND<100	ND<100	330	180	ND<100	ND<100	ND<100	110

Notes:
NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test.
The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits.
Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-H		MW-I		MW-J		MW-K		MW-L
Sample Collection Date				5-29-01	9-13-01	5-29-01	9-14-01	7-25-01	9-11-01	7-25-01	9-11-01	10-15-02
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)												
Acenaphthene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	0.06	**0.59**	**0.60**	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	**0.48**	**0.43**	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	0.09	**0.63**	**0.46**	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	0.30	ND<0.30
Chrysene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.1	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	ND<0.077	ND<0.077	ND<0.077	ND<0.077	0.17	0.09	**0.52**	0.16	ND<0.077
Pyrene	110,000	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.3	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)												
Bromodichloromethane	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<0.50
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	96	**1**	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	15
Tetrachloroethene	88	1,500	3,820	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7
Comparison of Ground Water Sample Analyte Concentrations
to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)								
		Residential	Industrial/ Commercial	MW-H		MW-I		MW-J		MW-K		MW-L
Sample Collection Date				5-29-01	9-13-01	5-29-01	9-14-01	7-25-01	9-11-01	7-25-01	9-11-01	10-15-02
Total Metals												
Arsenic	**4**	NC	NC	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4
Barium	NC	NC	NC	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	72	71	ND<50
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40
Lead	**13**	NC	NC	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	**19**	ND<13	ND<13
Nickel	880	NC	NC	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
Selenium	**50**	NC	NC	23	ND<10	18	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Vanadium	NC	NC	NC	NT	NT	NT	NT	NT	NT	NT	NT	ND<50
Zinc	**123**	NC	NC	ND<10	ND<10	18	18	25	ND<10	46	ND<10	13
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	220	ND<100	200	200	480	ND<100	250	150	330

Notes:
NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test.
The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits.
Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)					
		Residential	Industrial/ Commercial	MW-M	MW-N	MW-O	MW-P	RW-1 (6-in.)	
Sample Collection Date				10-15-02	10-15-02	10-15-02	10-15-02	6-1-01	9-12-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	**0.5**	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)									
Acenaphthene	NC	NC	NC	1.6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	**0.3**	NC	NC	**0.74**	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Anthracene	1,100,000	NC	NC	2.4	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[a]anthracene	**0.3**	NC	NC	**3.4**	**0.70**	ND<0.06	ND<0.06	ND<0.06	ND<0.06
Benzo[a]pyrene	**0.3**	NC	NC	**3.9**	**0.69**	ND<0.20	ND<0.20	ND<0.20	ND<0.20
Benzo[b]fluoranthene	**0.3**	NC	NC	**4.3**	**0.79**	ND<0.08	ND<0.08	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	NC	NC	2.2	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	**0.3**	NC	NC	**1.8**	**0.38**	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	NC	NC	5.3	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Dibenz[a,h]anthracene	NC	NC	NC	0.67	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Fluoranthene	3,700	NC	NC	11	1.3	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Fluorene	140,000	NC	NC	1.7	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	NC	NC	2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Phenanthrene	**0.3**	NC	NC	**6.2**	**0.81**	ND<0.077	ND<0.077	ND<0.077	ND<0.077
Pyrene	110,000	NC	NC	9.3	1.6	ND<1.0	ND<1.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)									
Bromodichloromethane	NC	NC	NC	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0
Chloroform	14,100	287	710	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	NC	34,600	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.0	4.5
1,1-Dichloroethene	96	1	6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4-Isopropyltoluene	NC	NC	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Tetrachloroethene	88	1,500	3,820	3.1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	62,000	20,400	50,000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.7	ND<1.0
Trichloroethene	2,340	219	540	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 7

Comparison of Ground Water Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, New Haven, CT

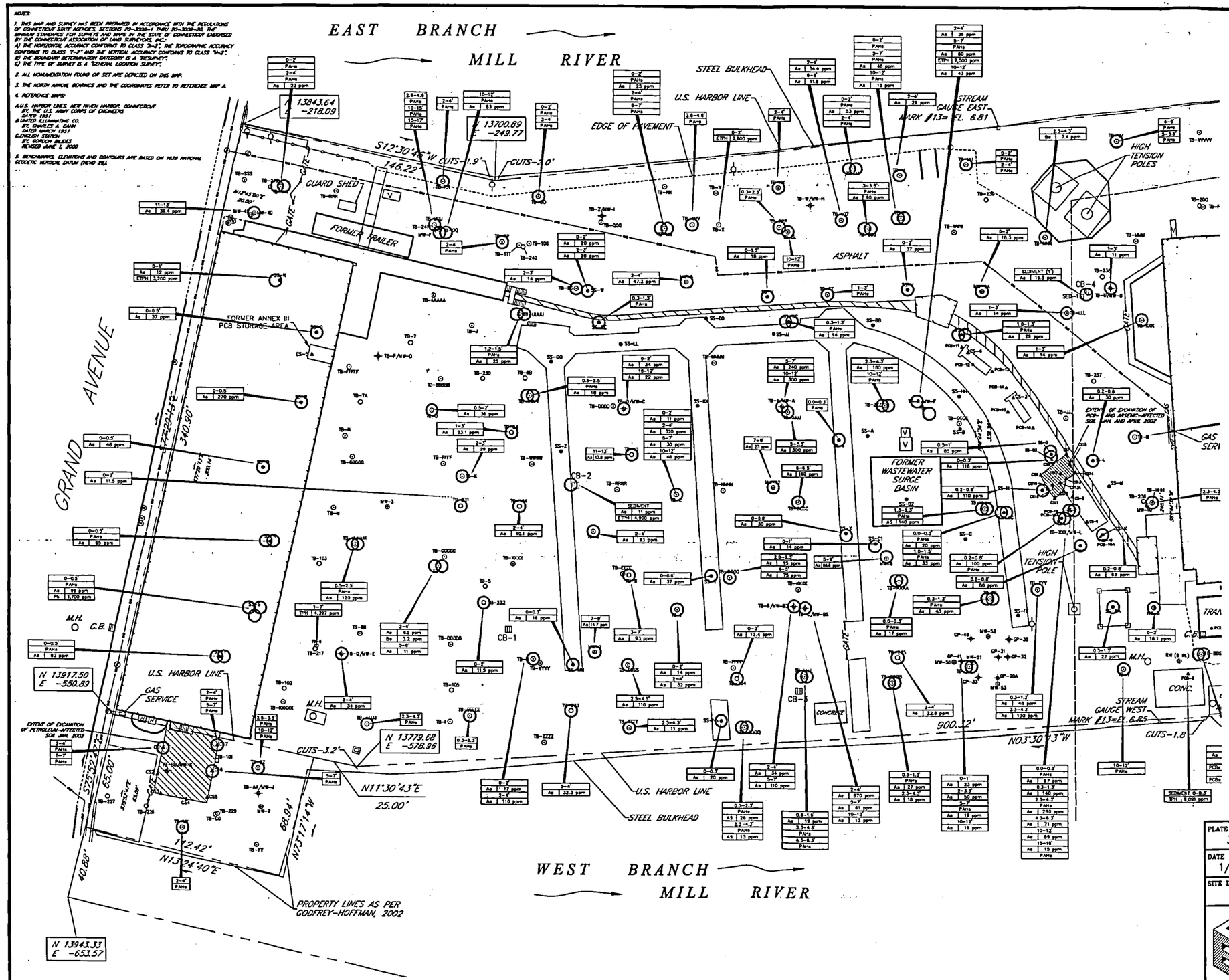
Analyte	Surface Water Protection Criteria (µg/L)	Volatilization Criteria for Ground Water (ppb)		Ground Water Sample Concentrations (ppb)					
		Residential	Industrial/ Commercial	MW-M	MW-N	MW-O	MW-P	RW-1 (6-in.)	
Sample Collection Date				10-15-02	10-15-02	10-15-02	10-15-02	6-1-01	9-12-01
Total Metals									
Arsenic	**4**	NC	NC	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4
Barium	NC	NC	NC	ND<50	210	66	57	ND<50	ND<50
Cadmium	6	NC	NC	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Copper	**48**	NC	NC	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40
Lead	**13**	NC	NC	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13
Nickel	880	NC	NC	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
Selenium	**50**	NC	NC	ND<10	ND<10	ND<10	ND<10	16	15
Vanadium	NC	NC	NC	ND<50	ND<50	ND<50	250	NT	NT
Zinc	**123**	NC	NC	ND<10	ND<10	17	ND<10	**290**	**300**
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NC	NC	1,000	4,400	ND<100	ND<100	520	360

Notes:

NC = No criterion established.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
ppb = parts per billion.
µg/L = micrograms per liter (comparable to ppb).
R = Analyte was tested for, but data validation findings indicate that the testing results are unusable
J = based on QA/QC for that test. The reported concentration is an estimated quantity due to associated QA
(1) = results found outside of recommended control limits. Duplicate sample for quality control (QC) purposes.
☐ = Concentration exceeds associated criterion.

NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THRU 20-300B-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.:
   A) THE HORIZONTAL ACCURACY CONFORMS TO CLASS "A-2"; THE TOPOGRAPHIC ACCURACY CONFORMS TO CLASS "T-2" AND THE VERTICAL ACCURACY CONFORMS TO CLASS "V-2".
   B) THE BOUNDARY DETERMINATION CATEGORY IS A "RESURVEY".
   C) THE TYPE OF SURVEY IS A "GENERAL LOCATION SURVEY".
2. ALL MONUMENTATION FOUND OR SET ARE DEPICTED ON THIS MAP.
3. THE NORTH ARROW, BEARINGS AND THE COORDINATES REFER TO REFERENCE MAP A.
4. REFERENCE MAPS:
   A. U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
      BY: THE U.S. ARMY CORPS OF ENGINEERS
      DATED 1931
   B. UNITED ILLUMINATING CO.
      BY: CHARLES A. GAHN
      DATED MARCH 1931
   C. ENGLISH STATION
      BY: BORSON BILDES
      REVISED JUNE 1, 2000
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).



GENERAL NOTES:

1. GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI WERE NOT LOCATED.
2. RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

LEGEND

- SED-1 ◻ SEDIMENT SAMPLE COLLECTED BY GEI
- PCB-1, SS-01 ▲ SURFACE SOIL SAMPLE COLLECTED BY GEI
- HA-1 ◐ HAND AUGER SOIL SAMPLE COLLECTED BY GEI
- CS-1 ▲ CONCRETE CHIP SAMPLE COLLECTED BY GEI
- SS-A ● SURFACE SOIL SAMPLE COLLECTED BY AEI
- CS1 ▲ CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
- TB-A ⊙ TEST BORING INSTALLED BY AEI
- TB-1 ○ TEST BORING INSTALLED BY GEI
- TB-11/MW-11 ✦ GROUND WATER MONITORING WELL INSTALLED BY AEI
- MW-1 ⊕ GROUND WATER MONITORING WELL INSTALLED BY OTHERS
- CP-4 ✦ GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	CONSTITUENT/CONCENTRATION IN ppm

- ppm PARTS PER MILLION
- As ○ ARSENIC
- Pb ○ LEAD
- PCBs ○ POLYCHLORINATED BIPHENYLS
- Be ○ BERYLLIUM
- ETPH/TPH EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
- PAHs ○ POLYAROMATIC HYDROCARBONS

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) INDUSTRIAL/COMMERCIAL (I/C) DIRECT EXPOSURE CRITERIA (DEC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE I/C DEC OF THE ASSOCIATED ANALYTE.

BASE MAP TAKEN FROM:
GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
2911 DIXWELL AVENUE - SUITE 1301 HAMDEN, CONNECTICUT 06518 PH: 203-248-4217 FAX: 203-248-4381
WWW.GODFREYHOFFMAN.COM
PROJECT: 01-192 SHEET 1 OF 1

0 10 20 30 40 60 80
Scale in Feet

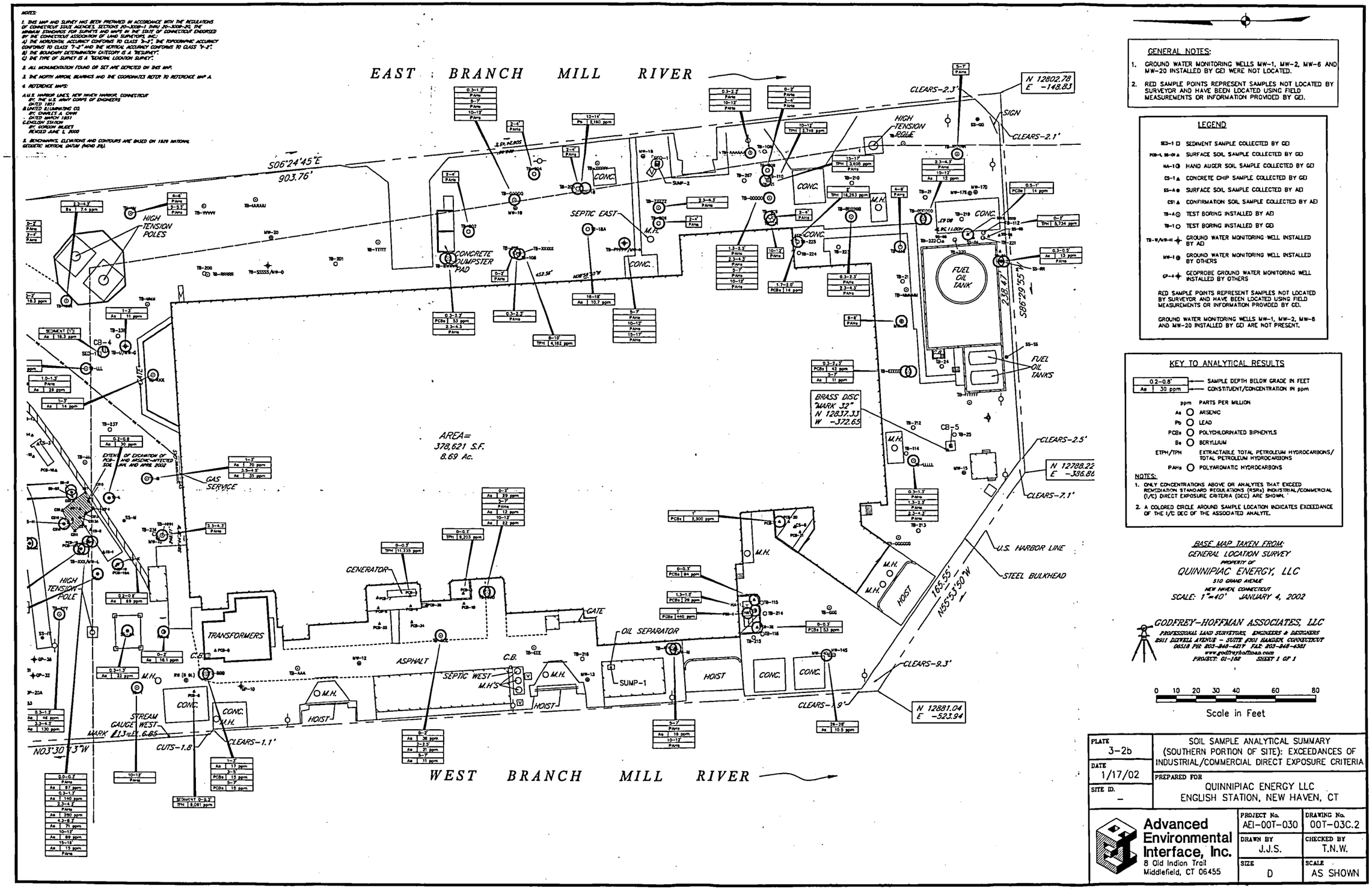
PLATE	SOIL SAMPLE ANALYTICAL SUMMARY (NORTHERN PORTION OF SITE): EXCEEDANCES OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA
3-2a	
DATE 1/17/03	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. -	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No.	DRAWING No.
AEI-00T-030	00T-03C.1
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THRU 20-300B-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.
   A) THE HORIZONTAL ACCURACY CONFORMS TO CLASS "A-2", THE TOPOGRAPHIC ACCURACY CONFORMS TO CLASS "T-2" AND THE VERTICAL ACCURACY CONFORMS TO CLASS "V-2".
   B) THE BOUNDARY DETERMINATION CATEGORY IS A "RESURVEY".
   C) THE TYPE OF SURVEY IS A "GENERAL LOCATION SURVEY".
2. ALL MONUMENTATION FOUND OR SET ARE DEPICTED ON THIS MAP.
3. THE NORTH ARROW, BEARINGS AND THE COORDINATES REFER TO REFERENCE MAP A.
4. REFERENCE MAPS:
   A. U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
      BY: THE U.S. ARMY CORPS OF ENGINEERS
      DATED 1851
   B. UNITED ILLUMINATING CO.
      BY: CHARLES A. CRAW
      DATED MARCH 1951
   C. ENGLISH STATION
      BY: GORDON BILDES
      REVISED JUNE 1, 2000
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).



GENERAL NOTES:

1. GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI WERE NOT LOCATED.
2. RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

LEGEND

SED-1 □	SEDIMENT SAMPLE COLLECTED BY GEI
PCB-1, SS-01 ▲	SURFACE SOIL SAMPLE COLLECTED BY GEI
HA-1 ◑	HAND AUGER SOIL SAMPLE COLLECTED BY GEI
CS-1 ▲	CONCRETE CHIP SAMPLE COLLECTED BY GEI
SS-A ●	SURFACE SOIL SAMPLE COLLECTED BY AEI
CS1 ▲	CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
TB-A ⊙	TEST BORING INSTALLED BY AEI
TB-1 ⊙	TEST BORING INSTALLED BY GEI
TB-W/MW-H ✚	GROUND WATER MONITORING WELL INSTALLED BY AEI
MW-1 ⊕	GROUND WATER MONITORING WELL INSTALLED BY OTHERS
GP-4 ✚	GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	← SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	← CONSTITUENT/CONCENTRATION IN ppm

ppm	PARTS PER MILLION
As ○	ARSENIC
Pb ○	LEAD
PCBs ○	POLYCHLORINATED BIPHENYLS
Be ○	BERYLLIUM
ETPH/TPH	EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
PAHs ○	POLYAROMATIC HYDROCARBONS

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) INDUSTRIAL/COMMERCIAL (I/C) DIRECT EXPOSURE CRITERIA (DEC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE I/C DEC OF THE ASSOCIATED ANALYTE.

BASE MAP TAKEN FROM:
GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
2911 DIXWELL AVENUE - SUITE #301 HAMDEN, CONNECTICUT 06518 PH: 203-848-4219 FAX: 203-848-4381
www.godfreyhoffman.com
PROJECT: 01-102 SHEET 1 OF 1

0 10 20 30 40 60 80
Scale in Feet

PLATE 3-2b	SOIL SAMPLE ANALYTICAL SUMMARY (SOUTHERN PORTION OF SITE): EXCEEDANCES OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA
DATE 1/17/02	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-030	DRAWING No. 00T-03C.2
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

Table D-1

GROUND WATER SAMPLING RESULTS FOR SEVEN STATION B PARCEL WELLS

Analyte	Surface Water Protection Criteria (µg/L)	Ground Water Sample Concentrations (ppb)							
		MW-04S			MW-05			MW-8S	
Sample Collection Date		6-18-98	5-31-01	9-14-01	6-18-98	5-30-01	9-14-01	5-31-01	9-11-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	0.5	NT	ND<0.50	ND<0.50	NT	ND<0.50	ND<0.50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)									
Acenaphthene	NC	ND<5.0	ND<1.0	ND<1.0	ND<5 0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	0.3	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Benzo[a]anthracene	0.3	ND<0.30	ND<0.06	ND<0.06	ND<0.30	ND<0.06	ND<0.06	ND<0.06	ND<0.06
Benzo[a]pyrene	0.3	ND<0.30	ND<0.20	ND<0.20	ND<0.30	ND<0.20	ND<0.20	ND<0.20	ND<0.20
Benzo[b]fluoranthene	0.3	ND<0.30	ND<0.08	ND<0.08	ND<0.30	ND<0.08	ND<0.08	ND<0.08	ND<0.08
Benzo[g,h,i]perylene	NC	ND<20	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	0.3	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Chrysene	NC	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Fluoranthene	3,700	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Fluorene	140,000	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	ND<20	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Phenanthrene	0.3	ND<0.07	ND<0.07	ND<0.07	ND<0.07	ND<0.07	ND<0.07	ND<0.07	0.14
Pyrene	110,000	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)									
Chloroform	14,100	ND<1.0	ND<1.0	ND<1.0	4.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Total Metals									
Arsenic	4	ND<50	ND<4	ND<4	ND<50	86	29	ND<4	ND<4
Barium	NC	ND<500	ND<50	81	ND<500	ND<50	ND<50	ND<50	ND<50
Copper	48	NT	78	ND<40	NT	ND<40	ND<40	ND<40	ND<40
Lead	13	ND<5	ND<13	ND<13	22	ND<13	ND<13	ND<13	ND<13
Selenium	50	ND<10	ND<10	ND<10	ND<10	14	ND<10	ND<10	ND<10
Zinc	123	NT	120	40	NT	ND<10	ND<10	75	140
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	NT	ND<100	ND<100	NT	ND<100	ND<100	ND<100	320

NC	=	No criterion established.
ND	=	Not detected above laboratory minimum detection limit.
NT	=	Not tested.
ppb	=	parts per billion.
µg/L	=	micrograms per liter (comparable to ppb).
(1)	=	Duplicate sample for quality control (QC) purposes.
	=	Concentration exceeds associated criterion.

Note 1: Other monitoring wells exist on the Station B Parcel; sample results for those are all included in the previous report documenting widespread polluted fill.
Note 2: Other analytes on the 8260 and 8270 scans, and ten other metals, were tested for, but are not included in this table because there were no hits in any of these seven monitoring wells.

Table D-1 (cont)

Analyte	Surface Water Protection Criteria (µg/L)	Ground Water Sample Concentrations (ppb)							
		MW-C		MW-D		MW-E		MW-K	
Sample Collection Date		5-29-01	9-11-01	5-29-01	9-11-01	5-29-01	9-11-01	3-14-01	9-11-01
USEPA Method 8082 PolychlorinatedBiphenyls (PCBs)	0.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0 50	ND<0.50	ND<0.50
USEPA Method 8270 Polynuclear Aromatics (PAHs)									
Acenaphthene	NC	ND<1.0	3.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Acenaphthylene	0.3	ND<0.30	**0.42**	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
Benzo[a]anthracene	0.3	ND<0.06	**0.99**	ND<0.06	ND<0.06	ND<0.06	0.28	**0.59**	**0.60**
Benzo[a]pyrene	0.3	ND<0.20	**0.78**	ND<0.20	ND<0.20	ND<0.20	ND<0.20	**0.48**	**0.43**
Benzo[b]fluoranthene	0.3	ND<0.08	**0.92**	ND<0.08	ND<0.08	ND<0.08	0.14	**0.63**	**0.46**
Benzo[g,h,i]perylene	NC	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Benzo[k]fluoranthene	0.3	ND<0.30	**0.47**	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	0.30
Chrysene	NC	ND<1.0	1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Fluoranthene	3,700	ND<1.0	2.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.1	ND<1.0
Fluorene	140,000	ND<1.0	2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Indeno[1,2,3-cd]pyrene	NC	ND<0.50	0.53	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Phenanthrene	0.3	0.16	**3.2**	ND<0.07	ND<0.07	ND<0.07	0.22	**0.52**	0.16
Pyrene	110,000	ND<1.0	2.1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.3	ND<1.0
USEPA Method 8021B/8260 Volatile Organic Compounds (VOCs)									
Chloroform	14,100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Total Metals									
Arsenic	4	ND<4	ND<4	ND<4	**6**	ND<4	ND<4	ND<4	ND<4
Barium	NC	ND<50	ND<50	ND<50	ND<50	57	73	72	71
Copper	48	**71**	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40
Lead	13	**55**	ND<13	ND<13	ND<13	ND<13	ND<13	**19**	ND<13
Selenium	50	**68**	ND<10	32	ND<10	21	ND<10	ND<10	ND<10
Zinc	123	**220**	38	ND<10	13	ND<10	ND<10	46	ND<10
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	NC	ND<100	160	ND<100	140	ND<100	ND<100	250	150

NC	=	No criterion established.
ND	=	Not detected above laboratory minimum detection limit.
NT	=	Not tested.
ppb	=	parts per billion.
µg/L	=	micrograms per liter (comparable to ppb).
(1)	=	Duplicate sample for quality control (QC) purposes.
	=	Concentration exceeds associated criterion.

Note: Other monitoring wells exist on the Station B Parcel; sample results for those are all included in the previous report documenting widespread polluted fill.
Note 2: Other analytes on the 8260 and 8270 scans, and ten other metals, were tested for, but are not included in this table because there were no hits in any of these seven monitoring wells.

Table 1

PCB Cleanup Specifications for Historical Spills at QE English Station

Federal Regulation Matrix

Nature of Usage / Access (a)	Nature of PCB Matrix Material	Cleanup Options (b)	Numerical PCB Decon Specification (c)	Citation (40 CFR 761._)
High occupancy (worker presence ≥840 hr/yr or ≥16.8 hr/wk)	Non-porous	Wash and rinse surface, dispose of waste solution	10 µg/100 cm² on wipe sample	61(a)(4)(ii)
	Concrete (or other porous)	Scarify concrete surface, dispose of waste concrete	1 ppm in concrete remaining	61(a)(4)(iii); 61(a)(4)(i)(A)
		Encapsulate with soil/asphalt/concrete (d), with deed restriction	10 ppm in concrete remaining	above + 61(a)(7)+(8)
		Double-wash concrete surface, let dry, paint over, apply ML mark	— (e)	61(a)(4)(iii); 30(p)(1)
	Soil	Remove and dispose, with no further constraints	≤ 1ppm in soil remaining	61(a)(4)(i)(A)
		Remove and dispose, cap remaining soil, with deed restriction	≤ 10 ppm in soil remaining	above + 61(a)(7)+(8)
Low occupancy (worker presence <840 hr/yr or <16.8 hr/wk)	Non-porous	Wash and rinse surface, dispose of waste solution	100 µg/100 cm² on wipe sample	61(a)(4)(ii)
	Concrete (or other porous)	Scarify concrete surface and dispose of waste concrete	1 ppm in concrete remaining	61(a)(4)(iii); 61(a)(4)(i)(A)
		Encapsulate with soil/asphalt/concrete (d), with deed restriction	10 ppm in concrete remaining	above + 61(a)(7)+(8)
		Double-wash concrete surface, let dry, paint over, apply ML mark	— (e)	61(a)(4)(iii); 30(p)(1)
	Soil	Remove and dispose, with no further constraints	≤ 25 ppm in soil remaining	61(a)(4)(i)(B)(1)
		Remove and dispose, fence off, apply ML mark	≤ 50 ppm in soil remaining	61(a)(4)(i)(B)(2)
		Remove and dispose, cap remaining soil (d), with deed restriction	≤ 100 ppm in soil remaining	61(a)(4)(i)(B)(3); 61(a)(7)+(8)

CT Regulation Matrix (RSRs) (Applies Only to Soils)

Nature of Usage / Access (f)	Cleanup Options (g)	Numerical PCB Decon Specification (h)	Citation (RCSA 22a-133k-_)
Residential use per RSRs	Excavate and remove soil	1 ppm in soil remaining	2(b)(1); Appendix A
Industrial/commercial use per RSRs in a *non-restricted access area*	Cap to make soil inaccessible (i), apply ELUR (j)	10 ppm in soil remaining (k)	2(b)(2)(B); Appendix A; EPOC Review, Mar 2003 (k)
Industrial/commercial use per RSRs in an *other restricted access area*	Cap to make soil inaccessible (i), apply ELUR (j)	25 ppm in soil remaining	2(b)(3)(A); Appendix A
Industrial/commercial use per RSRs in an *outdoor electrical substation*	Cap to make soil inaccessible (i), apply ELUR (j)	25 ppm in soil remaining	2(b)(3)(B); Appendix A
	Cap to make soil inaccessible (i), apply ELUR (j), apply ML mark	50 ppm in soil remaining	2(b)(3)(B); Appendix A

(a) All areas of the English Station site where PCB contamination has been found presently are low occupancy areas (a defined term, meaning that a person is present in the area less than 840 hrs/yr and also present less than 16.8 hrs/wk). Since the Station B Parcel is to be sold (for future industrial use), the federal cleanup specifications for high occupancy areas apply to this portion of the site.

(b) For the Station B Parcel, concrete surfaces will be scarified down to the 1 ppm level (and confirmed) rather than the other options, whenever practicable, and debris will be removed for appropriate offsite disposal. Soil will be excavated to achieve a 10 ppm level, with a cap and an ELUR. The 10 ppm level is consistent with the PCB direct exposure criteria for industrial/commercial sites under the Connecticut Remediation Standards Regulations (RSRs). The 1 ppm level is consistent with the PCB direct exposure criteria for residential sites under the RSRs. The ELUR will identify (among other types of residual contamination zones) any PCB residual areas requiring a deed restriction under 40 CFR 761.61. An ELUR is the appropriate CT vehicle for deed restrictions (see below); it will be structured and worded to satisfy the federal requirements, including a designation of property usage.

Table 1 (continued)

PCB Cleanup Specifications for Historical Spills at QE English Station

(c) These are the specifications in the PCB rules at 40 CFR 761.61 for cleanup of historical spills; not the rules for cleanup of fresh spills under the EPA policy at 40 CFR 761.125. "In soil remaining" or "in concrete remaining" means the residual PCB content in those media left onsite unremediated.

(d) A cap comprised of 10 inches of compacted fill, or 6 inches of concrete, or 6 inches of asphalt constitutes satisfactory encapsulation under the federal PCB rules. (The cap required for compliance with the Connecticut RSRs is somewhat different (see below) but satisfies the federal requirement.)

(e) There is no numerical cleanup criterion, because the underlying presumption is that the specified double-wash/rinse technique will render the surface suitable for painting and that the paint will adhere well enough to prevent any contact exposure with residual PCBs remaining in the concrete. If the concrete staining is known to have occurred from contact with oil containing less than 50 ppm PCBs, then cleanup and surface sealing of this sort is not required.

(f) The Connecticut RSRs define just two kinds of uses with respect to direct exposure cleanup criteria: residential use, and commercial/industrial use. The sections of the RSRs that relate to cleanup of PCB-contaminated soils, however, contain provisions that refer (either directly or inferentially) to definitions in the EPA spill cleanup policy at 40 CFR 761.123, as follows:

- *"Residential/commercial area"* means areas where people live or reside, including roads and sidewalks to which the public has access. The nearest area to English Station that is actually zoned residential or commercial is northeast of Grand Ave and Haven St; all the areas closer to the Station are zoned IH or IL (heavy industrial or light industrial). However, Grand Avenue itself is a *residential/commercial area* under this definition because it is open to public access; in addition to transient vehicles and pedestrians, there is occasional public fishing off the Grand Avenue bridge.
- *"Outdoor electrical substation"* means an outdoor, fenced-off restricted access area used for electrical transmission/distribution, and more than 100 m from a residential/commercial area. All of the capacitor and transformer pads at English Station fit this definition; none are closer than 100 m to a zoned residential/commercial area or to Grand Avenue. These areas are delineated on Figure 1.
- *"Other restricted access location"* means areas other than substations that are at least 100 m from a residential/commercial area, *and* are limited by manmade barriers such as fences and walls, or natural barriers. All of English Station is further than 100 m from the nearest zoned residential/commercial area north of Grand Ave and Haven St. Most of English Station (the area south of the approximate center of the coal yard) is further than 100 m from Grand Avenue. The island is surrounded by water on three sides, with a vertical bulkhead wall, and has security gates at the Grand Avenue access. These areas are delineated on Figure 1.
- *"Nonrestricted access area"* means anything not in the above two definitions. At English Station this is the area north of an approximate east-west midline through the coal yard, including Station B and the planned parking area to the south of Station B. These areas are delineated on Figure 1.

(g) The cleanup options in the Connecticut RSRs only apply to soils, not to cleanup of concrete or non-porous materials, and not to sediments. Sediments exist in catch basins on the Station B Parcel; generally, these will be removed if >1 ppm; but if not easily accessible may be left in place (up to the 10 ppm criterion) and simply sealed off. There is a general provision in the RSRs for a variance to allow other cleanup options. Such a variance may be applied for, and reviewed and approved by DEP on a case-by-case basis, but there is no particular expectation that a variance outside of the above numerical cleanup standards would be applied for in this case.

(h) These are the standards for remediation specified in the Connecticut RSRs at RCSA 22a-133k. "In soil remaining" means the residual PCB content in the soils left onsite unremediated.

(i) Rendering the soil "inaccessible" as defined in the RSRs means installing a cap consisting of four feet of soil, or a cap consisting of two feet of soil including a 3-inch concrete or asphalt layer on top. Alternatively, a building can be built over an area to render it inaccessible.

(j) The environmental land use restriction (ELUR) specified in the RSRs has a prescriptive form and content developed by DEP explicitly for site remediation purposes; in this situation, the appropriate language also will be added to comport with federal requirements.

(k) The language discrepancy between RCSA 22a-133k-2(b)(2)(B) for PCBs in residential or "non-restricted access" areas, and RCSA 22a-133k-2(b)(2)(A) for contaminants other than PCBs in those same areas was clarified in a DEP workshop presentation to the Environmental Professionals Organization of Connecticut on March 25, 2003, page 13. So long as the soil is rendered "inaccessible" (which includes an environmental land use restriction), the cleanup criterion is 10 ppm.

Table A1.1a

Sampling and Analysis Data: Station B Interior—Overhead Crane

Area 1.1: Station B—Overhead Crane

AOC #:	1
PCB Area Description:	Overhead crane: motor and non-porous steel surface
Location Reference:	Figure A1.1 (Individual sample locations not shown.)
Sample Matrix:	Motor oil; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg); micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix A

Characterization Samples			Verification Samples			
Sample Point	**Sampling Date (Analysis Date)**	**Sample Result**	**Sample Point**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
MOTOR OIL			**MOTOR OIL**			**MOTOR OIL**
NEM [1]	07-18-01 (07-25-01)	6.6 [1]	RS-CS1 [1]	03-21-02 (03-28-02)	ND < 2.0 [1]	2.0
SEM [1]	07-18-01 (07-25-01)	6.6 [1]				2.0
11-16-MISC-113 [2]	11-18-99 (11-29-99)	4.0 [2]				2.0
HEXANE WIPE OF STEEL SURFACE			**HEXANE WIPE OF STEEL SURFACE**			**HEXANE WIPE**
CR-CS01	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS02	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS03	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS04	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS05	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS06	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS07	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS08	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS09	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS10	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS11	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS12	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS13	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS14	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS15	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS16	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS17	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS18	03-21-02 (04-04-02)	ND < 5.0	CR-CS18B	04-19-02 (04-23-02)	ND < 5.0	10.0
CR-CS19	03-21-02 (03-26-02)	25	CR-CS19B	04-19-02 (04-23-02)	ND < 5.0	10.0
CR-CS20	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS21	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS22	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS23	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS24	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS25	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS26	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS27	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS28	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS29	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS30	03-21-02 (03-26-02)	ND < 5.0				10.0

Table A1.1a (continued)

Sampling and Analysis Data: Station B Interior—Overhead Crane

Characterization Samples			Verification Samples			
Sample Point	Sampling Date (Analysis Date)	Sample Result	Sample Point	Sampling Date (Analysis Date)	Sample Result	Cleanup Criterion
HEXANE WIPE OF STEEL SURFACE			HEXANE WIPE OF STEEL SURFACE			HEXANE WIPE
CR-CS31	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS32	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS33	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS34	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS35	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS36	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS37	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS38	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS39	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS40	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS41	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS42	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS43	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS44	03-21-02 (03-26-02)	ND < 5.0				10.0
CR-CS45	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS46	03-21-02 (04-04-02)	ND < 5.0				10.0
CR-CS47	03-21-02 (03-26-02)	ND < 5.0				10.0
Field Blank 1	03-21-02 (03-26-02)	ND < 5.0				NA
Field Blank 2	03-21-02 (04-12-02)	ND < 5.0				NA
Field Blank 3	03-21-02 (04-12-02)	ND < 5.0				NA

Notes for Table A1.1a:
(1) = Sample of oil from a motor on the crane. Result reported as milligrams per kilogram (mg/kg), wet weight.
(2) = Result reported by GEI Consultants, Inc., who did not indicate that the result is reported as wet weight.
NA = Not applicable.
ND = Not detected.
< = Less than minimum detection limit.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Table A1.1b

Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Area 1.1: Station B—Mezzanine and first floor

AOC #:	1
PCB Area Description:	Mezzanine and first floor, excluding Annex III
Location Reference:	Figure A1.1 (AEI Sample Points only)
Sample Matrix:	Concrete; wood
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix A

Characterization Samples				
Sample Point	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
FIRST FLOOR: CONCRETE FLOOR				**CONCRETE**
11-16-MISC-121 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0	1.0
1CO-01	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-02	½ inch	06-16-2004 (06-22-2004)	0.57	1.0
1CO-03	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-04	½ inch	06-16-2004 (06-22-2004)	0.98	1.0
1CO-05	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-05D	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-06	½ inch	06-16-2004 (06-22-2004)	0.52	1.0
1CO-07	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-08	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-09	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-10	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
1CO-11	½ inch	06-16-2004 (06-22-2004)	ND < 0.50	1.0
FIRST FLOOR: WOOD CHIPS				**WOOD**
11-16-MISC-123 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0	1.0
MEZZANINE: WOOD CHIPS				**WOOD**
11-16-MISC-124 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0	1.0
11-16-MISC-125 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0	1.0

Notes for Table A1.1b:
(1) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
ND = Not Detected.
NS = Not Specified.
< = Less than minimum detection limit.

Table A1.2

Sampling and Analysis Data: Station B Interior—Annex III Facility

Area 1.2: Station B—Annex III

AOC #:	I
PCB Area Description:	Annex III: porous concrete floor and containment berm
Location Reference:	Figures A1.1, A1.2 (AEI Sample Points only.)
Sample Matrix:	Concrete
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix A

Characterization Samples			1st and 2nd Verification Samples (1)			Cleanup Criterion
Sample Point	Sampling Date (Analysis Date)	Sample Result	Sample Point	Sampling Date (Analysis Date)	Sample Result	
ANNEX III CONCRETE FLOOR			ANNEX III CONCRETE FLOOR			CONCRETE
1CO-14	06-16-04 (06-22-04)	ND < 0.50				1.0
A-1	07-18-01 (07-20-01)	ND < 0.50				1.0
A-2	07-18-01 (07-20-01)	ND < 0.50				1.0
A-3	07-18-01 (07-20-01)	ND < 0.50				1.0
A-4	07-18-01 (07-20-01)	ND < 0.50				1.0
B-1	07-18-01 (07-20-01)	17.4	J-1	05-09-02 (05-14-02)	ND < 0.50	1.0
			I-1	05-09-02 (05-14-02)	0.50	1.0
			K-1.5	08-26-02 (08-29-02)	ND < 0.50	1.0
B-2	07-18-01 (07-20-01)	45	J-2	05-09-02 (05-14-02)	ND < 0.50	1.0
			I-2	05-09-02 (05-14-02)	1.6	1.0
			K-2.5	08-26-02 (08-29-02)	1.4	1.0
B-3	07-18-01 (07-20-01)	2.4	J-3	05-09-02 (05-14-02)	ND < 0.50	1.0
			I-3	05-09-02 (05-14-02)	1.1	1.0
			I-3a (2)	05-09-02 (05-14-02)	0.65	1.0
			K-3.5	08-26-02 (08-29-02)	ND < 0.50	1.0
			K-3.5 dup	08-26-02 (08-29-02)	ND < 0.50	1.0
B-4	07-18-01 (07-20-01)	ND < 0.50	J-4	05-09-02 (05-14-02)	ND < 0.50	1.0
			I-4	05-09-02 (05-14-02)	ND < 0.50	1.0
1CO-13	06-16-04 (06-22-04)	ND < 0.50				1.0
1CO-15	06-16-04 (06-22-04)	ND < 0.50				1.0
C-1	07-18-01 (07-20-01)	1.3	H-1	05-09-02 (05-14-02)	ND < 0.50	1.0
			L-1.5	08-26-02 (08-29-02)	ND < 0.50	1.0
C-2	07-18-01 (07-20-01)	1.5	H-2	05-09-02 (05-14-02)	ND < 0.50	1.0
			L-2.5	08-26-02 (08-29-02)	ND < 0.50	1.0
C-3	07-18-01 (07-20-01)	0.98	H-3	05-09-02 (05-14-02)	ND < 0.50	1.0
			L-3.5	08-26-02 (08-29-02)	ND < 0.50	1.0
C-4	07-18-01 (07-20-01)	ND < 0.50				1.0
D-1	07-18-01 (07-20-01)	0.94				1.0
D-2	07-18-01 (07-20-01)	0.77				1.0
D-3	07-18-01 (07-20-01)	ND < 0.50				1.0
D-4	07-18-01 (07-20-01)	ND < 0.50				1.0
E-1	07-18-01 (07-20-01)	0.69				1.0
E-2	07-18-01 (07-20-01)	0.98				1.0
E-3	07-18-01 (07-20-01)	0.51				1.0
E-4	07-18-01 (07-20-01)	ND < 1.0 (3)				1.0

Table A1.2 (continued)

Sampling and Analysis Data: Station B Interior—Annex III Facility

Characterization Samples			1st and 2nd Verification Samples (1)			
Sample Point	Sampling Date (Analysis Date)	Sample Result	Sample Point	Sampling Date (Analysis Date)	Sample Result	Cleanup Criterion
ANNEX III CONCRETE FLOOR			ANNEX III CONCRETE FLOOR			CONCRETE
1CO-16	06-16-04 (06-22-04)	ND < 0.50				1.0
SE-1	07-18-01 (07-20-01)	0.80				1.0
1CO-12	06-16-04 (06-22-04)	ND < 0.50				1.0
F-2	07-18-01 (07-20-01)	ND < 0.50				1.0
F-3	07-18-01 (07-20-01)	ND < 1.0 (3)				1.0
F-4	07-18-01 (07-20-01)	ND < 1.0 (3)				1.0
SF-1	07-18-01 (07-20-01)	ND < 1.0 (3)				1.0
SF-3	07-18-01 (07-20-01)	ND < 1.0 (3)				1.0
G-2	07-18-01 (07-20-01)	ND < 1.0 (3)				1.0
G-3	07-18-01 (07-20-01)	ND < 1.0 (3)				1.0
			Field blank	05-09-02 (05-13-02)	ND < 0.50 (4)	NA
			Equip. Blank	08-26-02 (08-29-02)	ND < 10 (4)	NA
1CO-EB01	06-16-04 (06-21-04)	ND < 12 (4)				NA
CS-5 (5)	06-11-98 (06-23-98)	15				1.0
11-16-MISC-114 (5)	11-18-99 (11-29-99)	ND < 1.0				1.0
11-16-MISC-115 (5)	11-18-99 (11-29-99)	ND < 1.0				1.0
11-16-MISC-116 (5)	11-18-99 (11-29-99)	ND < 1.0				1.0

Notes for Table A1.2:
(1) = Sample locations selected using a 5-foot grid.
(2) = Duplicate sample.
(3) = Minimum detection limit (MDL) affected by matrix interference.
(4) = Water matrix. Units are micrograms per liter (µg/L).
(5) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
ND = Not Detected.
< = Less than minimum detection limit.
Bold indicates that detected concentration exceeds associated cleanup criterion.
Depth = ½ inch for all AEI samples. Depth not specified for GEI samples.

Table A1.3

Sampling and Analysis Data: Station B Interior—Basement

Area 1.3: Station B—Basement

AOC #:	1
PCB Area Description:	Basement: concrete pads and former earthen floor
Location Reference:	Figure A1.3 (AEI Sample Points only)
Sample Matrix:	Concrete; soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix A

Characterization Samples				Cleanup Criterion
Sample Point	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	
CONCRETE				**CONCRETE**
11-16-MISC-117 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0	1.0
11-16-MISC-118 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0	1.0
11-16-MISC-119 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0	1.0
11-16-MISC-120 (1)	NS	11-18-1999 (11-29-1999)	1.0	1.0
11-16-MISC-122 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0	1.0
SOIL				**SOIL**
SS-N	0.0–1.0	05-02-2001 (05-18-2001)	ND < 0.50	10.0
SS-O	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50	10.0
SS-P	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50	10.0
SS-Q	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50	10.0
SS-R	0.0–0.5	05-02-2001 (05-18-2001)	ND < 0.50	10.0
SS-S	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50	10.0
SS-T	0.0–0.5	05-02-2001 (05-18-2001)	ND < 0.50	10.0

Notes for Table A1.3:
(1) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
ND = Not Detected.
NS = Not Specified.
< = Less than minimum detection limit.

Table A2.1

Sampling and Analysis Data: Station B Yard Areas—Elevated Tracks

Area 2.1: Former Coal Yard

AOC #:	12W
PCB Area Description:	Elevated railroad tracks and foundations
Location Reference:	Figure 6
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix A

Characterization Samples				
Sample Point	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
SOIL				**SOIL**
2HA-139	0.0–0.25	11-08-2004 (11-13-2004)	ND < 0.50	10.0
2HA-139	0.25–1.25	11-08-2004 (11-13-2004)	ND < 0.50	10.0
2HA-140	0.0–0.25	11-08-2004 (11-13-2004)	ND < 0.50	10.0
2HA-140	0.25–1.25	11-08-2004 (11-13-2004)	ND < 0.50	10.0
SS-II	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50	10.0
SS-JJ	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50	10.0
SS-KK (1)	0.0–0.3	04-03-2002 (04-06-2002)	0.83	10.0
SS-LL	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50	10.0
SS-MM	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50	10.0
SS-NN	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50	10.0
SS-OO	0.0–0.3	04-02-2002 (04-11-2002)	ND < 0.50	10.0
SS-X	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50	10.0
SS-Y	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50	10.0
SS-Z	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50	10.0

Notes for Table A2.1:
(1) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were not detected.
ND = Not Detected.
< = Less than minimum detection limit.

Table A2.2

Sampling and Analysis Data: Station B Yard Areas—Former Coal Yard

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure 6
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix A

Characterization Samples				
Sample Point	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
ASPHALT [1]				**ASPHALT**
2HA-241	0.0–0.3	12-16-2004 (12-28-2004)	ND < 0.50	1.0
2HA-242	0.0–0.3	12-16-2004 (12-28-2004)	ND < 0.50	1.0
2TB-207	0.0–0.3	11-18-2004 (12-03-2004)	ND < 0.50	1.0
TB-CCCC	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50	1.0
TB-DDDD	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50	1.0
TB-EEEE	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50	1.0
TB-JJJJ	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50	1.0
TB-KKKK	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50	1.0
TB-MMMM	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50	1.0
TB-NNNN	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50	1.0
TB-OOOO	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	1.0
TB-PPPP	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	1.0
TB-RRRR	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	1.0
TB-SSSS	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	1.0
CONCRETE				**CONCRETE**
2CO-129	½ inch	11-30-2004 (12-07-2004)	ND < 0.50	1.0
2CO-130	½ inch	11-30-2004 (12-07-2004)	ND < 0.50	1.0
2CO-131	½ inch	11-30-2004 (12-07-2004)	ND < 0.50	1.0
2CO-177	½ inch	12-16-2004 (12-28-2004)	ND < 0.50	1.0
2CO-504	½ inch	11-30-2004 (12-07-2004)	ND < 0.50	1.0
SEDIMENT				**SEDIMENT**
CB-2	0.0–0.3	05-10-2001 (05-15-2001)	3.8	1.0
CB-3	0.0–0.3	05-10-2001 (05-15-2001)	ND < 0.50	1.0
SOIL				**SOIL**
2HA-241	0.3–0.6	12-16-2004 (12-28-2004)	ND < 0.50	10.0
2HA-242	0.3–0.5	12-16-2004 (12-28-2004)	ND < 0.50	10.0
2TB-206 [3]	0.0–0.3	11-18-2004 (12-03-2004)	3.0	10.0
2TB-206	0.3–2.3	11-18-2004 (12-03-2004)	ND < 0.50	10.0
2TB-206 [3]	4.3–6.3	11-18-2004 (12-03-2004)	1.44	10.0
2TB-207	0.3–1.3	11-18-2004 (12-03-2004)	ND < 0.50	10.0
2TB-207	1.3–2.3	11-18-2004 (12-03-2004)	ND < 0.50	10.0
2TB-207 [3]	2.3–4.3	11-18-2004 (12-03-2004)	0.55	10.0
2TB-207	4.3–6.3	11-18-2004 (12-03-2004)	ND < 0.50	10.0
MW-07 [2]	7–9	06-04-1998 (06-12-1998)	ND < 1.0	10.0
MW-22 [2]	7–9	06-09-1998 (06-19-1998)	ND < 1.0	10.0

Table A2.2 (continued)

Sampling and Analysis Data: Station B Yard Areas—Former Coal Yard

Characterization Samples				Cleanup Criterion
Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	
SOIL				SOIL
SS-CC	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50	10.0
SS-CC	0.3–1.3	04-03-2002 (04-08-2002)	ND < 0.50	10.0
SS-DD	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50	10.0
SS-DD	0.3–1.3	04-03-2002 (04-18-2002)	ND < 0.50	10.0
SS-EE	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50	10.0
SS-EE	0.3–1.3	04-03-2002 (04-08-2002)	ND < 0.50	10.0
TB-09 (2)	3–7	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-10 (2)	11–13	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-C	2–4	05-10-2001 (05-15-2001)	ND < 0.50	10.0
TB-CCCC	2.5–2.8	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-CCCC	2.8–3.8	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-CCCC	4.5–6.0	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-CCCC	10–12	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-D	2–4	05-11-2001 (05-18-2001)	ND < 0.50	10.0
TB-DDDD	1.3–1.6	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-DDDD	1.6–2.6	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-DDDD	3.3–4.3	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-DDDD	15–17	04-03-2002 (04-06-2002)	ND < 0.50	10.0
TB-EEEE	1.5–1.8	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-EEEE	1.8–2.8	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-EEEE	3.8–5.8	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-EEEE	10–12	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-F	0–2	05-11-2001 (05-18-2001)	ND < 0.50	10.0
TB-JJJJ	1.5–1.8	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-JJJJ	1.8–2.8	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-JJJJ	3.5–5.0	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-JJJJ	5.0–5.5	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-KKKK	1.0–1.3	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-KKKK	1.3–2.3	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-KKKK	5–6	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-KKKK	5–6 D	04-02-2002 (04-11-2002)	ND < 0.50	10.0
TB-LLLL	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-LLLL	0.3–0.6	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-LLLL	0.6–1.6	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-LLLL	3.3–4.3	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-LLLL	4.3–6.3	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-MMMM	0.5–0.8	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-MMMM	0.8–1.8	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-MMMM	4.5–6.5	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-NNNN	1.0–1.3	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-NNNN	1.3–2.3	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-NNNN	4–5	04-04-2002 (04-09-2002)	ND < 0.50	10.0
TB-OOOO	2.0–2.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-OOOO	4–5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-PPPP	0.3–0.6	04-05-2002 (04-11-2002)	ND < 0.50	10.0

Table A2.2 (continued)

Sampling and Analysis Data: Station B Yard Areas—Former Coal Yard

Characterization Samples				
Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	Cleanup Criterion
SOIL				SOIL
TB-PPPP	0.9–1.0	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-PPPP	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-QQQQ	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-QQQQ	0.3–2.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-QQQQ	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-RRRR	1.0–1.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-RRRR	3.3–3.9	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-RRRR	3.9–4.0	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-SSSS	2.2–2.5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-SSSS	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-TTTT	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-TTTT	1.0–1.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-TTTT	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0

Notes for Table A2.2:
(1) = Asphalt samples may include some base material (e.g., cobbles or gravel).
(2) = Result reported by GEI Consultants, Inc.
(3) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were ND < 0.50 micrograms per liter (µg/L).
ND = Not detected. < = Less than minimum detection limit.

Table A6.1

Sampling and Analysis Data: Station B Yard Areas—South And West Adjacent

Area 6.1: Former Coal Yard and Area Adjacent to Station B

AOC #:	2, 3, 12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure 6
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix A

Characterization Samples				Cleanup Criterion
Sample Point	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	
ASPHALT [1]				**ASPHALT**
AOC2-CS6	0.0–0.25	03-12-2002 (03-14-2002)	ND < 0.50	1.0
TB-AAAAA	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-BBBBB	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-CCCCC	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-DDDDD	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-FFFF	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50	1.0
TB-FFFFF	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-GGGGG	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-HHHHH	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-IIIII	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-JJJJJ	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-KKKKK	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	1.0
TB-UUUU	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	1.0
TB-WWWW	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	1.0
TB-YYYY	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	1.0
6AS-001	½ inch	08-26-2004 (08-30-2004)	ND < 0.50	1.0
6AS-001D	½ inch	08-26-2004 (08-30-2004)	ND < 0.50	1.0
EB-06*	NA	08-26-2004 (08-31-2004)	ND < 12 **	NA
CONCRETE				**CONCRETE**
6CO-065	½ inch	08-26-2004 (08-30-2004)	ND < 0.50	1.0
SOIL				**SOIL**
AOC2-CS2	0–2	03-12-2002 (03-14-2002)	ND < 0.50	10.0
AOC2-CS2	2–4	03-12-2002 (03-14-2002)	ND < 0.50	10.0
AOC2-CS2	5–7	03-12-2002 (03-14-2002)	ND < 0.50	10.0
AOC2-CS6	0.25–2.0	03-12-2002 (03-14-2002)	ND < 0.50	10.0
AOC2-CS6	2–4	03-12-2002 (03-14-2002)	ND < 0.50	10.0
AOC2-CS6	5–7	03-12-2002 (03-14-2002)	ND < 0.50	10.0
MW-02 [2]	13–17	06-02-1998 (06-10-1998)	ND < 1.0	10.0
MW-03 [2]	15–17	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-01 [2]	7–8	06-02-1998 (06-10-1998)	ND < 1.0	10.0
TB-05 [2]	4–6	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-06 [2]	1–7	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-07 [2]	5	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-07A [2]	7–9	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-08A [2]	1–3	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-08B [2]	9–11	06-04-1998 (06-12-1998)	ND < 1.0	10.0
TB-08B [2]	15–17	06-04-1998 (06-12-1998)	ND < 1.0	10.0

Table A6.1 (continued)

Sampling and Analysis Data: Station B Yard Areas—South And West Adjacent

Characterization Samples				
Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	Cleanup Criterion
SOIL				SOIL
TB-AAAAA	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-BBBBB	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-BBBBB	2.5–4.5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-BBBBB	4.5–5.5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-CCCCC	2–4	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-CCCCC	4–5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-DDDDD	0.5–0.8	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-EEEEE	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-EEEEE	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-EEEEE	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-FFFF	0.5–0.8	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-FFFF	2.5–3.5	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-FFFF	3.5–4.5	04-04-2002 (04-08-2002)	ND < 0.50	10.0
TB-FFFFF	0.5–0.8	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-GGGGG	0.5–1.2	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-HHHHH	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-HHHHH	2.5–4.5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-I	2–4	05-14-2001 (05-18-2001)	ND < 0.50	10.0
TB-J	2–4	05-14-2001 (05-18-2001)	ND < 0.50	10.0
TB-JJJJJ	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-JJJJJ	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-KKKKK	1–2	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-KKKKK	4–5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-L	2–4	05-14-2001 (05-18-2001)	ND < 0.50	10.0
TB-UUUU	1.2–1.5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-UUUU	5–7	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-VVVV	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-VVVV	0.5–2.5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-VVVV	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-WWWW	2.2–2.5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-WWWW	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-XXXX	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-XXXX	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-XXXX	4.3–6.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-YYYY	2.0–2.3	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-YYYY	2.5–3.0	04-05-2002 (04-11-2002)	ND < 0.50	10.0
TB-YYYY	3–5	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-YYYY	5–7	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-ZZZZ	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-ZZZZ	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0
TB-ZZZZ	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50	10.0

Table A6.1 (continued)

Sampling and Analysis Data: Station B Yard Areas—South And West Adjacent

Characterization Samples				
Sample Point	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
CATCH BASIN SEDIMENT				**SEDIMENT**
CB-1	0.0–0.8	05-10-2001 (05-15-2001)	ND < 0.50	1.0
HEXANE WIPE OF STEEL SURFACE				**HEXANE WIPE**
6HX-007	NA	08-26-2004 (09-01-2004)	ND < 10	10.0
6HX-007D	NA	08-26-2004 (09-01-2004)	ND < 10	10.0
Field Blank 2	NA	08-26-2004 (09-01-2004)	ND < 5.0	NA

Notes for Table A6.1:
(1) = Asphalt samples may include some base material (e.g., cobbles or gravel).
(2) = Result reported by GEI Consultants, Inc.
NA = Not applicable. ND = Not detected.
< = Less than minimum detection limit.
* = Equipment Blank, matrix water. ** = Detection limit based on sample size supplied for analysis.

Table A6.2

Sampling and Analysis Data: Station B Yard Areas—Mill River East Branch

Area 6.2: Mill River East Branch Area

AOC #:	12E
PCB Area Description:	Mill River East Branch area
Location Reference:	Figure 6
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix A

Characterization Samples				Cleanup Criterion
Sample Point	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	
SOIL				**SOIL**
MW-04D (1)	36–40	06-10-1998 (06-18-1998)	ND < 1.0	10.0
MW-05 (1)	2–4	05-26-1998 (06-07-1998)	ND < 1.0	10.0

Notes for Table A6.2:
(1) = Result reported by GEI Consultants, Inc.
ND = Not Detected.
< = Less than minimum detection limit.

Table 1

SUMMARY OF PROCEDURES FOR PCB SAMPLING AND ANALYSIS

Sample Matrix	Sample Type	PCB Area(s)	Procedure[1, 2]
Concrete	Cores (drilling dust)	1.1,1.2, 2.2, 6.1	EPA's "Draft Standard Operating Procedure for Sampling Concrete in the Field", December 30, 1997.
Ground Water	Low Flow	2.2, 6.1, 6.2	AEI's Standard Operating Procedure (SOP) "Low Stress/Low Flow Ground Water Sampling", SOP-002.
Motor Oil	Grab	1.1	Oil was collected from motor reservoirs using suction bulbs and placed directly into sample containers. Samples were handled in general accordance with standard methods as shown in AEI SOP-002.
Sediment	Polyethylene scoop	2.2, 6.1	AEI's SOP "Sediment Sampling", SOP-003
Soil (test boring)	Split-spoon sampler	2.2, 6.1, 6.2	AEI's SOP "Soil Sampling with a Split-spoon Sampler", SOP-004.
Soil (surface)	Hand auger	1.3, 2.1	Undisturbed surface samples were collected using a hand auger or dedicated scoop. Samples were handled in general accordance with AEI SOP-003.
Steel (non-porous)	Hexane Wipe	1.1, 6.1	EPA's SOP for "Chip, Wipe, and Sweep Sampling", No. 2011, November 16, 1994.
Wood	Chips	1.1	Wood sampling was done by others; the procedure used is not available.

Notes:
(1) = Sampling was performed in general accordance with the procedures shown herein. The procedures cited above are in Appendix A.
(2) = Samples were laboratory-tested for polychlorinated biphenyls (PCBs) using USEPA Method 8082. The laboratory SOP for this procedure is also in Appendix A.

Table A1.1a

SAMPLING AND ANALYSIS DATA: STATION B INTERIOR – OVERHEAD CRANE

Area 1.1: Station B—Overhead Crane

AOC #:	1
PCB Area Description:	Overhead crane: motor and non-porous steel surface
Location Reference:	Figure A1.1 (Individual sample locations not shown.)
Sample Matrix:	Motor oil; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg); micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix B

Characterization Samples			Verification Samples		
Sample Point	Sampling Date (Analysis Date)	Sample Result	Sample Point	Sampling Date (Analysis Date)	Sample Result
MOTOR OIL			MOTOR OIL		
NEM [1]	07-18-01 (07-25-01)	6.6 [1]	RS-CS1 [1]	03-21-02 (03-28-02)	ND < 2.0 [1]
SEM [1]	07-18-01 (07-25-01)	6.6 [1]			
11-16-MISC-113 [2]	11-18-99 (11-29-99)	4.0 [2]			
HEXANE WIPE OF STEEL SURFACE			HEXANE WIPE OF STEEL SURFACE		
CR-CS01	03-21-02 (04-04-02)	ND < 5.0			
CR-CS02	03-21-02 (04-04-02)	ND < 5.0			
CR-CS03	03-21-02 (03-26-02)	ND < 5.0			
CR-CS04	03-21-02 (04-04-02)	ND < 5.0			
CR-CS05	03-21-02 (03-26-02)	ND < 5.0			
CR-CS06	03-21-02 (03-26-02)	ND < 5.0			
CR-CS07	03-21-02 (04-04-02)	ND < 5.0			
CR-CS08	03-21-02 (04-04-02)	ND < 5.0			
CR-CS09	03-21-02 (04-04-02)	ND < 5.0			
CR-CS10	03-21-02 (04-04-02)	ND < 5.0			
CR-CS11	03-21-02 (03-26-02)	ND < 5.0			
CR-CS12	03-21-02 (04-04-02)	ND < 5.0			
CR-CS13	03-21-02 (04-04-02)	ND < 5.0			
CR-CS14	03-21-02 (04-04-02)	ND < 5.0			
CR-CS15	03-21-02 (04-04-02)	ND < 5.0			
CR-CS16	03-21-02 (03-26-02)	ND < 5.0			
CR-CS17	03-21-02 (04-04-02)	ND < 5.0			
CR-CS18	03-21-02 (04-04-02)	ND < 5.0	CR-CS18B	04-19-02 (04-23-02)	ND < 5.0
CR-CS19	03-21-02 (03-26-02)	25	CR-CS19B	04-19-02 (04-23-02)	ND < 5.0
CR-CS20	03-21-02 (04-04-02)	ND < 5.0			
CR-CS21	03-21-02 (04-04-02)	ND < 5.0			
CR-CS22	03-21-02 (03-26-02)	ND < 5.0			
CR-CS23	03-21-02 (04-04-02)	ND < 5.0			
CR-CS24	03-21-02 (03-26-02)	ND < 5.0			
CR-CS25	03-21-02 (03-26-02)	ND < 5.0			
CR-CS26	03-21-02 (04-04-02)	ND < 5.0			
CR-CS27	03-21-02 (03-26-02)	ND < 5.0			
CR-CS28	03-21-02 (04-04-02)	ND < 5.0			
CR-CS29	03-21-02 (04-04-02)	ND < 5.0			

Table A1.1a (cont)

Area 1.1: Station B—Overhead Crane

AOC #:	1
PCB Area Description:	Overhead crane: motor and non-porous steel surface
Location Reference:	Figure A1.1 (Individual sample locations not shown.)
Sample Matrix:	Hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix B

Characterization Samples			Verification Samples		
Sample Point	**Sampling Date (Analysis Date)**	**Sample Result**	**Sample Point**	**Sampling Date (Analysis Date)**	**Sample Result**
HEXANE WIPE OF STEEL SURFACE			**HEXANE WIPE OF STEEL SURFACE**		
CR-CS30	03-21-02 (03-26-02)	ND < 5.0			
CR-CS31	03-21-02 (03-26-02)	ND < 5.0			
CR-CS32	03-21-02 (04-04-02)	ND < 5.0			
CR-CS33	03-21-02 (03-26-02)	ND < 5.0			
CR-CS34	03-21-02 (04-04-02)	ND < 5.0			
CR-CS35	03-21-02 (04-04-02)	ND < 5.0			
CR-CS36	03-21-02 (04-04-02)	ND < 5.0			
CR-CS37	03-21-02 (03-26-02)	ND < 5.0			
CR-CS38	03-21-02 (04-04-02)	ND < 5.0			
CR-CS39	03-21-02 (03-26-02)	ND < 5.0			
CR-CS40	03-21-02 (04-04-02)	ND < 5.0			
CR-CS41	03-21-02 (03-26-02)	ND < 5.0			
CR-CS42	03-21-02 (04-04-02)	ND < 5.0			
CR-CS43	03-21-02 (03-26-02)	ND < 5.0			
CR-CS44	03-21-02 (03-26-02)	ND < 5.0			
CR-CS45	03-21-02 (04-04-02)	ND < 5.0			
CR-CS46	03-21-02 (04-04-02)	ND < 5.0			
CR-CS47	03-21-02 (03-26-02)	ND < 5.0			
Field Blank 1	03-21-02 (03-26-02)	ND < 5.0			
Field Blank 2	03-21-02 (04-12-02)	ND < 5.0			
Field Blank 3	03-21-02 (04-12-02)	ND < 5.0			

Notes for Table A1.1a:
(1) = Sample of oil from a motor on the crane. Result reported as milligrams per kilogram (mg/kg), wet weight.
(2) = Result reported by GEI Consultants, Inc., who did not indicate that the result is reported as wet weight.
NA = Not applicable.
ND = Not detected.
< = Less than minimum detection limit.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Table A1.1b

SAMPLING AND ANALYSIS DATA: STATION B INTERIOR – MEZZANINE AND FIRST FLOOR

Area 1.1: Station B—Mezzanine and first floor

AOC #:	1
PCB Area Description:	Mezzanine and first floor, excluding Annex III
Location Reference:	Figure A1.1 (AEI Sample Points only)
Sample Matrix:	Concrete; wood
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
FIRST FLOOR: CONCRETE FLOOR			
11-16-MISC-121 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0
1CO-01	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-02	½ inch	06-16-2004 (06-22-2004)	0.57
1CO-03	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-04	½ inch	06-16-2004 (06-22-2004)	0.98
1CO-05	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-05D	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-06	½ inch	06-16-2004 (06-22-2004)	0.52
1CO-07	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-08	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-09	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-10	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
1CO-11	½ inch	06-16-2004 (06-22-2004)	ND < 0.50
FIRST FLOOR: WOOD CHIPS			
11-16-MISC-123 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0
MEZZANINE: WOOD CHIPS			
11-16-MISC-124 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0
11-16-MISC-125 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0

Notes for Table A1.1b:
(1) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
ND = Not Detected.
NS = Not Specified.
< = Less than minimum detection limit.

Table A1.2

SAMPLING AND ANALYSIS DATA: STATION B INTERIOR – ANNEX III FACILITY

Area 1.2: Station B—Annex III

AOC #:	1
PCB Area Description:	Annex III: porous concrete floor and containment berm
Location Reference:	Figures A1.1, A1.2 (AEI Sample Points only.)
Sample Matrix:	Concrete
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix B

Characterization Samples			1st and 2nd Verification Samples [1]		
Sample Point	Sampling Date (Analysis Date)	Sample Result	Sample Point	Sampling Date (Analysis Date)	Sample Result
ANNEX III CONCRETE FLOOR			ANNEX III CONCRETE FLOOR		
1CO-14	06-16-04 (06-22-04)	ND < 0.50			
A-1	07-18-01 (07-20-01)	ND < 0.50			
A-2	07-18-01 (07-20-01)	ND < 0.50			
A-3	07-18-01 (07-20-01)	ND < 0.50			
A-4	07-18-01 (07-20-01)	ND < 0.50			
B-1	07-18-01 (07-20-01)	17.4	J-1	05-09-02 (05-13-02)	ND < 0.50
			I-1	05-09-02 (05-13-02)	0.50
			K-1.5	08-26-02 (08-29-02)	ND < 0.50
B-2	07-18-01 (07-20-01)	45	J-2	05-09-02 (05-13-02)	ND < 0.50
			I-2	05-09-02 (05-13-02)	1.6
			K-2.5	08-26-02 (08-29-02)	1.4
B-3	07-18-01 (07-20-01)	2.4	J-3	05-09-02 (05-13-02)	ND < 0.50
			I-3	05-09-02 (05-13-02)	1.1
			I-3a [2]	05-09-02 (05-13-02)	0.65
			K-3.5	08-26-02 (08-29-02)	ND < 0.50
			K-3.5 dup	08-26-02 (08-29-02)	ND < 0.50
B-4	07-18-01 (07-20-01)	ND < 0.50	J-4	05-09-02 (05-13-02)	ND < 0.50
			I-4	05-09-02 (05-13-02)	ND < 0.50
1CO-13	06-16-04 (06-22-04)	ND < 0.50			
1CO-15	06-16-04 (06-22-04)	ND < 0.50			
C-1	07-18-01 (07-20-01)	1.3	H-1	05-09-02 (05-13-02)	ND < 0.50
			L-1.5	08-26-02 (08-29-02)	ND < 0.50
C-2	07-18-01 (07-20-01)	1.5	H-2	05-09-02 (05-13-02)	ND < 0.50
			L-2.5	08-26-02 (08-29-02)	ND < 0.50
C-3	07-18-01 (07-20-01)	0.98	H-3	05-09-02 (05-13-02)	ND < 0.50
			L-3.5	08-26-02 (08-29-02)	ND < 0.50
C-4	07-18-01 (07-20-01)	ND < 0.50			
D-1	07-18-01 (07-20-01)	0.94			
D-2	07-18-01 (07-20-01)	0.77			
D-3	07-18-01 (07-20-01)	ND < 0.50			
D-4	07-18-01 (07-20-01)	ND < 0.50			
E-1	07-18-01 (07-20-01)	0.69			
E-2	07-18-01 (07-20-01)	0.98			
E-3	07-18-01 (07-20-01)	0.51			

Table A1.2 (cont)

Area 1.2: Station B—Annex III

AOC #:	1
PCB Area Description:	Annex III: porous concrete floor and containment berm
Location Reference:	Figures A1.1, A1.2 (AEI Sample Points only)
Sample Matrix:	Concrete
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix B

Characterization Samples			1st and 2nd Verification Samples (1)		
Sample Point	**Sampling Date (Analysis Date)**	**Sample Result**	**Sample Point**	**Sampling Date (Analysis Date)**	**Sample Result**
ANNEX III CONCRETE FLOOR			**ANNEX III CONCRETE FLOOR**		
E-4	07-18-01 (07-20-01)	ND < 1.0 (3)			
1CO-16	06-16-04 (06-22-04)	ND < 0.50			
SE-1	07-18-01 (07-20-01)	0.80			
1CO-12	06-16-04 (06-22-04)	ND < 0.50			
F-2	07-18-01 (07-20-01)	ND < 0.50			
F-3	07-18-01 (07-20-01)	ND < 1.0 (3)			
F-4	07-18-01 (07-20-01)	ND < 1.0 (3)			
SF-1	07-18-01 (07-20-01)	ND < 1.0 (3)			
SF-3	07-18-01 (07-20-01)	ND < 1.0 (3)			
G-2	07-18-01 (07-20-01)	ND < 1.0 (3)			
G-3	07-18-01 (07-20-01)	ND < 1.0 (3)			
			Field blank	05-09-02 (05-13-02)	ND < 0.50 (4)
			Equip. Blank	08-26-02 (08-29-02)	ND < 10 (4)
1CO-EB01	06-16-04 (06-21-04)	ND < 12 (4)			
CS-5 (5)	06-11-98 (06-23-98)	**15**			
11-16-MISC-114 (5)	11-18-99 (11-29-99)	ND < 1.0			
11-16-MISC-115 (5)	11-18-99 (11-29-99)	ND < 1.0			
11-16-MISC-116 (5)	11-18-99 (11-29-99)	ND < 1.0			

Notes for Table A1.2:
(1) = Sample locations selected using a 5-foot grid.
(2) = Duplicate sample.
(3) = Minimum detection limit (MDL) affected by matrix interference.
(4) = Water matrix. Units are micrograms per liter (µg/L).
(5) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
ND = Not Detected.
< = Less than minimum detection limit.
Bold indicates that detected concentration exceeds associated cleanup criterion.
Depth = ½ inch for all AEI samples. Depth not specified for GEI samples.

Table A1.3

SAMPLING AND ANALYSIS DATA: STATION B INTERIOR – BASEMENT

Area 1.3: Station B—Basement

AOC #:	1
PCB Area Description:	Basement: concrete pads and former earthen floor
Location Reference:	Figure A1.3 (AEI Sample Points only)
Sample Matrix:	Concrete; soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
CONCRETE			
11-16-MISC-117 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0
11-16-MISC-118 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0
11-16-MISC-119 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0
11-16-MISC-120 (1)	NS	11-18-1999 (11-29-1999)	1.0
11-16-MISC-122 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0
SOIL			
SS-N	0.0–1.0	05-02-2001 (05-18-2001)	ND < 0.50
SS-O	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-P	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-Q	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-R	0.0–0.5	05-02-2001 (05-18-2001)	ND < 0.50
SS-S	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-T	0.0–0.5	05-02-2001 (05-18-2001)	ND < 0.50

Notes for Table A1.3:
(1) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
ND = Not Detected.
NS = Not Specified.
< = Less than minimum detection limit.

Table A2.1

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – ELEVATED TRACKS

Area 2.1: Former Coal Yard

AOC #:	12W
PCB Area Description:	Elevated railroad tracks and foundations
Location Reference:	Figure
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
2HA-139	0.0–0.25	11-08-2004 (11-13-2004)	ND < 0.50
2HA-139	0.25–1.25	11-08-2004 (11-13-2004)	ND < 0.50
2HA-140	0.0–0.25	11-08-2004 (11-13-2004)	ND < 0.50
2HA-140	0.25–1.25	11-08-2004 (11-13-2004)	ND < 0.50
SS-II	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-JJ	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-KK (1)	0.0–0.3	04-03-2002 (04-06-2002)	0.83
SS-LL	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-MM	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-NN	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-OO	0.0–0.3	04-02-2002 (04-11-2002)	ND < 0.50
SS-X	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50
SS-Y	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50
SS-Z	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50

Notes for Table A2.1:
(1) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were not detected.
ND = Not Detected.
< = Less than minimum detection limit.

Table A2.2

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – FORMER COAL YARD

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
ASPHALT [1]			
2HA-241	0.0–0.3	12-16-2004 (12-28-2004)	ND < 0.50
2HA-242	0.0–0.3	12-16-2004 (12-28-2004)	ND < 0.50
2TB-207	0.0–0.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-256	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-257	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-258	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-259	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-260	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.30
2TB-261	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.30
2TB-262	0.0–0.25	02-23-2006 (02-28-2006)	0.49
2TB-263	0.0–0.25	02-23-2006 (02-28-2006)	0.45
2TB-264	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-265	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
TB-CCCC	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
TB-EEEE	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50
TB-KKKK	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-OOOO	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-SSSS	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
CONCRETE			
2CO-129	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
2CO-130	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
2CO-131	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
2CO-177	½ inch	12-16-2004 (12-28-2004)	ND < 0.50
2CO-504	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
SEDIMENT			
CB-2	0.0–0.3	05-10-2001 (05-15-2001)	3.8
CB-3	0.0–0.3	05-10-2001 (05-15-2001)	ND < 0.50

Table A2.2 (cont)

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
2HA-241	0.3–0.6	12-16-2004 (12-28-2004)	ND < 0.50
2HA-242	0.3–0.5	12-16-2004 (12-28-2004)	ND < 0.50
2TB-206 [3]	0.0–0.3	11-18-2004 (12-03-2004)	3.0
2TB-206	0.3–2.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-206 [3]	4.3–6.3	11-18-2004 (12-03-2004)	1.44
2TB-207	0.3–1.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-207	1.3–2.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-207 [3]	2.3–4.3	11-18-2004 (12-03-2004)	0.55
2TB-207	4.3–6.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-256	0.25–0.50	02-23-2006 (02-28-2006)	ND < 0.60
2TB-256	0.50–1.00	02-23-2006 (02-28-2006)	ND < 0.30
2TB-256	1.00–2.25	02-23-2006 (02-28-2006)	ND < 0.30
2TB-256	2.25–3.25	02-23-2006 (02-28-2006)	ND < 0.40
2TB-256	3.25–4.25	02-23-2006 (02-28-2006)	ND < 0.40
2TB-256	6.25–8.25	02-23-2006 (02-28-2006)	ND < 0.40
2TB-257	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-257	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.60
2TB-257	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-257	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-257D	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-258	0.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-258	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-258	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-259	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-259	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-259	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-259	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-260	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-260	1.5–2.5	02-23-2006 (02-28-2006)	0.30
2TB-260	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-260	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.70
2TB-261	0.5–1.0	02-23-2006 (02-28-2006)	ND < 0.30
2TB-261	1.5–3.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-261	3.5–5.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-262	0.5–1.0	02-23-2006 (02-28-2006)	ND < 0.30
2TB-262	1.0–2.5	02-23-2006 (02-28-2006)	0.41
2TB-262	2.5–3.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-262	3.5–4.5	02-23-2006 (02-28-2006)	ND < 1.0

Table A2.2 (cont)

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
		SOIL	
2TB-262D	1.0–2.5	02-23-2006 (02-28-2006)	0.44
2TB-263	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-263	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-263	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-263	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.50
2TB-264	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-264	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.60
2TB-264	2.5–4.0	02-23-2006 (02-28-2006)	ND < 0.30
2TB-264	4.0–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-264	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-265	0.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-265	1.5–4.0	02-23-2006 (02-28-2006)	ND < 0.60
2TB-265	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.50
MW-07 [2]	7–9	06-04-1998 (06-12-1998)	ND < 1.0
MW-22 [2]	7–9	06-09-1998 (06-19-1998)	ND < 1.0
SS-CC	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-CC	0.3–1.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-DD	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-DD	0.3–1.3	04-03-2002 (04-18-2002)	ND < 0.50
SS-EE	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-EE	0.3–1.3	04-03-2002 (04-08-2002)	ND < 0.50
TB-09 [2]	3–7	06-04-1998 (06-12-1998)	ND < 1.0
TB-10 [2]	11–13	06-04-1998 (06-12-1998)	ND < 1.0
TB-C	2–4	05-10-2001 (05-15-2001)	ND < 0.50
TB-CCCC	2.5–2.8	04-03-2002 (04-06-2002)	ND < 0.50
TB-CCCC	2.8–3.8	04-03-2002 (04-06-2002)	ND < 0.50
TB-CCCC	4.5–6.0	04-03-2002 (04-06-2002)	ND < 0.50
TB-CCCC	10–12	04-03-2002 (04-06-2002)	ND < 0.50
TB-D	2–4	05-11-2001 (05-18-2001)	ND < 0.50
TB-DDDD	1.3–1.6	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	1.6–2.6	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	3.3–4.3	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	15–17	04-03-2002 (04-06-2002)	ND < 0.50
TB-EEEE	1.5–1.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-EEEE	1.8–2.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-EEEE	3.8–5.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-EEEE	10–12	04-04-2002 (04-08-2002)	ND < 0.50
TB-F	0–2	05-11-2001 (05-18-2001)	ND < 0.50

Table A2.2 (cont)

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
TB-JJJJ	1.5–1.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	1.8–2.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	3.5–5.0	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	5.0–5.5	04-04-2002 (04-08-2002)	ND < 0.50
TB-KKKK	1.0–1.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-KKKK	1.3–2.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-KKKK	5–6	04-04-2002 (04-09-2002)	ND < 0.50
TB-KKKK	5–6 D	04-02-2002 (04-11-2002)	ND < 0.50
TB-LLLL	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	0.3–0.6	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	0.6–1.6	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	3.3–4.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	4.3–6.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	0.5–0.8	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	0.8–1.8	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	4.5–6.5	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	1.0–1.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	1.3–2.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	4–5	04-04-2002 (04-09-2002)	ND < 0.50
TB-OOOO	2.0–2.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-OOOO	4–5	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	0.3–0.6	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	0.9–1.0	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-QQQQ	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-QQQQ	0.3–2.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-QQQQ	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	1.0–1.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	3.3–3.9	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	3.9–4.0	04-05-2002 (04-11-2002)	ND < 0.50
TB-SSSS	2.2–2.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-SSSS	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-TTTT	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-TTTT	1.0–1.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-TTTT	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
WATER [4]			
2TB-257 EB	2.5–4.5	02-23-2006 (03-1-2006)	ND < 0.50
2TB-262 EB	1.0–2.5	02-23-2006 (03-1-2006)	ND < 0.50

Notes for Table A2.2:
(1) = Asphalt samples may include some base material (e.g., cobbles or gravel).
(2) = Result reported by GEI Consultants, Inc.
(3) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were ND < 0.50.
(4) = Units are µg/L.
ND = Not detected. < = Less than minimum detection limit.

Table A6.1

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – SOUTH AND WEST

Area 6.1: Former Coal Yard and Area Adjacent to Station B

AOC #:	2, 3, 12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
ASPHALT [1]			
AOC2-CS6	0.0–0.25	03-12-2002 (03-14-2002)	ND < 0.50
TB-AAAAA	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-CCCCC	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-DDDDD	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-FFFF	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFFF	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-GGGGG	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-HHHHH	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-IIIII	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-JJJJJ	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-KKKKK	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-UUUU	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-WWWW	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
6AS-001	½ inch	08-26-2004 (08-30-2004)	ND < 0.50
6AS-001D	½ inch	08-26-2004 (08-30-2004)	ND < 0.50
EB-06*	NA	08-26-2004 (08-31-2004)	ND < 12 **
CONCRETE			
6CO-065	½ inch	08-26-2004 (08-30-2004)	ND < 0.50
SOIL			
AOC2-CS2	0–2	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS2	2–4	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS2	5–7	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS6	0.25–2.0	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS6	2–4	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS6	5–7	03-12-2002 (03-14-2002)	ND < 0.50
MW-02 [2]	13–17	06-02-1998 (06-10-1998)	ND < 1.0
MW-03 [2]	15–17	06-04-1998 (06-12-1998)	ND < 1.0
TB-01 [2]	7–8	06-02-1998 (06-10-1998)	ND < 1.0
TB-05 [2]	4–6	06-04-1998 (06-12-1998)	ND < 1.0
TB-06 [2]	1–7	06-04-1998 (06-12-1998)	ND < 1.0
TB-07 [2]	5	06-04-1998 (06-12-1998)	ND < 1.0
TB-07A [2]	7–9	06-04-1998 (06-12-1998)	ND < 1.0

Table A6.1 (cont)

Area 6.1: Former Coal Yard and Area Adjacent to Station B

AOC #:	2, 3, 12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL[1]			
TB-08A [2]	1–3	06-04-1998 (06-12-1998)	ND < 1.0
TB-08B [2]	9–11	06-04-1998 (06-12-1998)	ND < 1.0
TB-08B [2]	15–17	06-04-1998 (06-12-1998)	ND < 1.0
TB-AAAAA	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	2.5–4.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	4.5–5.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-CCCCC	2–4	04-05-2002 (04-10-2002)	ND < 0.50
TB-CCCCC	4–5	04-05-2002 (04-10-2002)	ND < 0.50
TB-DDDDD	0.5–0.8	04-05-2002 (04-10-2002)	ND < 0.50
TB-EEEEE	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-EEEEE	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-EEEEE	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-FFFF	0.5–0.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFF	2.5–3.5	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFF	3.5–4.5	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFFF	0.5–0.8	04-05-2002 (04-10-2002)	ND < 0.50
TB-GGGGG	0.5–1.2	04-05-2002 (04-10-2002)	ND < 0.50
TB-HHHHH	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-HHHHH	2.5–4.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-I	2–4	05-14-2001 (05-18-2001)	ND < 0.50
TB-J	2–4	05-14-2001 (05-18-2001)	ND < 0.50
TB-JJJJJ	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-JJJJJ	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-KKKKK	1–2	04-05-2002 (04-10-2002)	ND < 0.50
TB-KKKKK	4–5	04-05-2002 (04-10-2002)	ND < 0.50
TB-L	2–4	05-14-2001 (05-18-2001)	ND < 0.50
TB-UUUU	1.2–1.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-UUUU	5–7	04-05-2002 (04-11-2002)	ND < 0.50
TB-VVVV	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50

Table A6.1 (cont)

Area 6.1: Former Coal Yard and Area Adjacent to Station B

AOC #:	2, 3, 12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
TB-VVVV	0.5–2.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-VVVV	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-WWWW	2.2–2.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-WWWW	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-XXXX	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-XXXX	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-XXXX	4.3–6.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	2.0–2.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	2.5–3.0	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	3–5	04-05-2002 (04-10-2002)	ND < 0.50
TB-YYYY	5–7	04-05-2002 (04-10-2002)	ND < 0.50
TB-ZZZZ	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-ZZZZ	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-ZZZZ	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50
CATCH BASIN SEDIMENT			
CB-1	0.0–0.8	05-10-2001 (05-15-2001)	ND < 0.50
HEXANE WIPE OF STEEL SURFACE			
6HX-007	NA	08-26-2004 (09-01-2004)	ND < 10
6HX-007D	NA	08-26-2004 (09-01-2004)	ND < 10
Field Blank 2	NA	08-26-2004 (09-01-2004)	ND < 5.0

Notes for Table A6.1:
(1) = Asphalt samples may include some base material (e.g., cobbles or gravel).
(2) = Result reported by GEI Consultants, Inc.
NA = Not applicable. ND = Not detected.
< = Less than minimum detection limit.
* = Equipment Blank, matrix water. ** = Detection limit based on sample size supplied for analysis.

Table A6.2

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – EAST DRIVEWAY

Area 6.2: Mill River East Branch Area

AOC #:	12E
PCB Area Description:	Mill River East Branch area
Location Reference:	Figure A1.3 (AEI Sample Points only)
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
MW-04D [1]	36–40	06-10-1998 (06-18-1998)	ND < 1.0
MW-05 [1]	2–4	05-26-1998 (06-07-1998)	ND < 1.0

Notes for Table A6.2:
(1) = Result reported by GEI Consultants, Inc.
ND = Not Detected.
< = Less than minimum detection limit.

Table 1 Summary Of Current Procedures For PCB Sampling And Analysis

Sample Matrix	Sample Type	PCB Area(s)	Sample Collection	Sample Preparation and Extraction	Sample Analysis
Asphalt	Cores (drilling dust); Test boring; Hand auger	2.2, 6.1, 6.2	Sample collection using methods for concrete or soil, as appropriate. See below.	EPA 3550B	EPA 160.3 mo; EPA 8082
Concrete	Cores (drilling dust)	1.1, 1.2, 1.3, 2.2, 3.1, 6.1	EPA's "Draft Standard Operating Procedure for Sampling Concrete in the Field", December 30, 1997. Concrete Sampling: AEI SOP-011.	EPA 3545; EPA 3550B	EPA 160.3 mo; EPA 8082
Hexane	Wipe of steel (non-porous)	1.1, 1.4, 6.1	EPA's SOP for "Chip, Wipe, and Sweep Sampling", No. 2011, November 16, 1994. PCB Sampling with Hexane Wipes: AEI SOP-014.	EPA 3550B	EPA 8082
Oil	Grab	1.4	Sampled from motor reservoirs by using suction bulbs to transfer oil directly into sample containers.	None	EPA 8082
Paint	Scraping	1.4	Sampled by scraping painted surface down to bare metal. Sample collected on aluminum foil and transferred into sample jar.	EPA 3545	EPA 160.3 mo; EPA 8082
Sediment	Polyethylene scoop	2.2, 6.1	Sediment Sampling: AEI SOP-003	EPA 3545; EPA 3550B	EPA 8082
Soil	TEST BORING: Split-spoon sampler or Geoprobe ® SURFACE SAMPLE: Hand auger	1.3, 2.1, 2.2, 3.1, 3.2, 6.1, 6.2	Soil Sampling with a Split-spoon Sampler: AEI SOP-004. Soil Sampling with a Geoprobe ®: AEI SOP-013. Soil Sampling with Hand Tools: AEI SOP-019.	EPA 3545; EPA 3550B	EPA 160.3 mo; EPA 8082
Stone	Split-spoon sampler	3.2	Soil Sampling with a Split-spoon Sampler: AEI SOP-004.	EPA 3550B	EPA 8082
Water	Ground water Equipment Blank	2.2, 6.1, 6.2 1, 2, 3, 6	Low Stress and Low Flow Ground Water Sampling: AEI SOP-002. Equipment Blank Sample Collection: AEI SOP-009.	EPA 3510	EPA 8082
Wood	Cores (drilling dust)	1.1	Sampling procedure similar to Concrete Sampling: AEI SOP-011.	EPA 3545	EPA 160.3 mo; EPA 8082

Notes:

(1) The sample collection procedures cited above are included in Appendix A; the sample extraction and analysis procedures are referenced to EPA SW-846. The laboratory procedures conforming to SW-846 are included in Appendix B, except EPA 160.3 mo which is currently in preparation.

(2) Equipment decontamination procedures followed Equipment Decontamination: AEI SOP-012.

(3) The data presented in this report span the period from 1998 through 2007. Either no or minimum details are available regarding sample collection, preparation and extraction, and analysis for work performed by other consultants. Some of the current methods and SOPs were developed after the initiation of this project. This Table represents only current and recent practice. The laboratory reports in Appendix D provide information on former analytical methods.

Notes for Data Tables

Notes for All Sampling and Analysis Data Tables A1.1 Through A6.2:
1 = Result reported by GEI Consultants, Inc., who did not indicate the result is wet weight. Sample Point not shown on Figures—location not certain.
2 = Result reported by GEI Consultants, Inc., who did not indicate the result is dry weight. Sample Point not shown on Figures—location not certain.
3 = Detection limits were raised due to an interfering pattern of peaks.
4 = Also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). All were ND except two: 3GP-306 @ 0.3–1.3 feet (= 0.16 µg/L) and 3GP-307 @ 1.3–2.5 feet (= 0.18 µg/L).
5 = Duplicate sample.
6 = Result reported by GEI Consultants, Inc.
7 = Not enough residual sample to test for leachable PCBs using SPLP.
8 = Matrix "stone" includes material identified as crushed stone, gravel, process, or stone.
9 = Detection limits based on sample size supplied for analysis.
10 = Due to the size of the gauze wipe, additional solvent was added to the analysis resulting in the detection limits being raised.
11 = Result reported by United Illuminating laboratory; Minimum Detection Limit (MDL) reportedly = 1.0.
12 = Paint scraped from crane down to bare metal.
13 = Low surrogate recovery; no additional sample available for duplicate analysis.
14 = Surrogate diluted out of curve (out of sample).
15 = Elevated detection limit ≥ RSR criterion. See memo from Complete Environmental Testing, Inc. (CET) in Appendix D1.
16 = Insufficient sample for total solids.
17 = Historic sample—concrete removed by scarification or excision.
18 = Verification sample (hexane wipe or oil) following clean-up of overhead crane, Area 1.4.

Symbols and Abbreviations:
BOLD (in analysis results column) = result exceeds cleanup criterion
D or **Dup**= Duplicate sample
EB = Equipment Blank
NA = Not Applicable
ND = Not Detected
NS = Not Specified
< = Less than minimum detection limit

Sample Matrix:	Sample Result Units:
Asphalt, Concrete, Paint, Sediment, Soil, Stone, Wood	Milligrams per kilogram (mg/kg), dry weight
Hexane wipe of steel surface	Micrograms per 100 square centimeters (µg/100 sq. cm)
Oil	Milligrams per kilogram (mg/kg), wet weight
Water	Micrograms per liter (µg/L)

Table A1.1, page 1 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	11-16-MISC-121	NS	Concrete	1	1.1	*First floor*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	1CO-01	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-02	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	0.57	1.0	—
B	1CO-03	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-04	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	0.98	1.0	—
B	1CO-05	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-05 D	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	5
B	1CO-06	½ inch	Concrete	1	1.1	*Loading dock*	06-16-2004	04060618r	06-22-2004	0.52	1.0	—
B	1CO-07	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-08	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-09	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-10	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-11	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-200	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-201	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.51	1.0	—
B	1CO-202	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-203	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-204	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-205	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.35	1.0	—
B	1CO-206	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-207	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.39	1.0	—
B	1CO-208	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-209	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.50	1.0	—
B	1CO-210	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-211	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-212	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-213	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-214	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-215	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-216	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-217	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—

Table A1.1, page 2 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1CO-218	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.86	1.0	—
B	1CO-219	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.51	1.0	—
B	1CO-219 D	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.62	1.0	5
B	1CO-220	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	1.00	1.0	—
B	1CO-221	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	**1.4**	1.0	—
B	1CO-222	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.54	1.0	—
B	1CO-223	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	**2.0**	1.0	—
B	1CO-224	½ inch	Concrete	1	1.1	*Office roof*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-225	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	**43**	1.0	15
B	1CO-226	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	0.71	1.0	—
B	1CO-227	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	0.91	1.0	—
B	1CO-228	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.4**	1.0	—
B	1CO-229	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.7**	1.0	—
B	1CO-230	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.5**	1.0	—
B	1CO-231	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.44	1.0	—
B	1CO-232	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.40	1.0	—
B	1CO-233	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.4**	1.0	—
B	1CO-234	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**1.04**	1.0	—
B	1CO-235	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.79	1.0	—
B	1CO-236	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.3**	1.0	—
B	1CO-237	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.45	1.0	—
B	1CO-238	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.6**	1.0	—
B	1CO-239	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**2.2**	1.0	—
B	1CO-240	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.1**	1.0	—
B	1CO-241	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**1.7**	1.0	—
B	1CO-242	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.42	1.0	—
B	1CO-243	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.3**	1.0	—
B	1CO-244	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**3.7**	1.0	—
B	1CO-245	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**1.85**	1.0	—
B	1CO-245 D	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.0**	1.0	5
B	1CO-246	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.34	1.0	—

Table A1.1, page 3 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1CO-247	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-12-2006	0.37	1.0	—
B	1CO-248	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-12-2006	0.48	1.0	—
B	1CO-249	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-11-2006	**8.3**	1.0	15
B	1CO-250	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-11-2006	**2.9**	1.0	—
B	1CO-251	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-11-2006	0.49	1.0	—
B	1CO-252	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-11-2006	0.38	1.0	—
B	1CO-253	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-11-2006	0.62	1.0	—
B	1CO-254	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-01-2006	0.98	1.0	—
B	1CO-255	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.96	1.0	—
B	1CO-256	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.0**	1.0	—
B	1CO-257	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.80	1.0	—
B	1CO-258	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.60	1.0	—
B	1CO-259	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1CO-260	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.95	1.0	—
B	1CO-261	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.4**	1.0	—
B	1CO-262	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**1.29**	1.0	—
B	1CO-263	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.7**	1.0	—
B	1CO-264	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.30	1.0	—
B	1CO-265	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-07-2006	0.31	1.0	—
B	1CO-265 D	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.30	1.0	5
B	1CO-266	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**1.8**	1.0	—
B	1CO-267	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.49	1.0	—
B	1CO-268	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.8**	1.0	—
B	1CO-269	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	ND < 0.30	1.0	—
B	1CO-270	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-07-2006	0.31	1.0	—
B	1CO-271	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	**2.0**	1.0	—
B	1CO-272	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.33	1.0	—
B	1CO-273	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	**1.8**	1.0	—
B	1CO-274	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.30	1.0	—
B	1CO-275	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.89	1.0	—
B	1CO-276	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.58	1.0	—

Table A1.1, page 4 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1CO-277	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.51	1.0	—
B	1CO-277 D	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.40	1.0	5
B	1HX-046	NA	Hexane	1	1.1	*Stairs*	10-25-2006	06100978r	11-07-2006	ND < 5.0	10.0	—
B	1HX-048	NA	Hexane	1	1.1	*Stairs*	10-25-2006	06100978r	11-07-2006	ND < 5.0	10.0	—
B	11-16-MISC-123	NS	Wood	1	1.1	*First floor*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	11-16-MISC-124	NS	Wood	1	1.1	*Mezzanine*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	11-16-MISC-125	NS	Wood	1	1.1	*Mezzanine*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	1XX-026	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	**1.42**	1.0	—
B	1XX-027	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-028	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-029	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-030	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	**1.64**	1.0	—
B	1XX-031	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.83	1.0	—
B	1XX-032	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-033	½ inch	Wood	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	ND < 0.60	1.0	—
B	1CO-219 EB	NA	Water	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.50	NA	—
B	1CO-245 EB	NA	Water	1	1.1	*First floor*	09-28-2006	06091008r	10-03-2006	ND < 0.50	NA	—
B	1CO-265 EB	NA	Water	1	1.1	*First floor*	10-25-2006	06100978r	11-01-2006	ND < 0.50	NA	—
B	1CO-277 EB	NA	Water	1	1.1	*First floor*	11-13-2006	06110383r	11-21-2006	ND < 0.50	NA	—
B	1CO-EB01	NA	Water	1	1.1	*First floor*	06-16-2004	04060618r	06-21-2004	ND < 12	NA	9

Table A1.2, page 1 of 2 Sampling and Analysis Data: Station B Interior—Annex III Facility

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	11-16-MISC-114	NS	Concrete	1	1.2	*Annex III*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-115	NS	Concrete	1	1.2	*Annex III*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-116	NS	Concrete	1	1.2	*Annex III*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	1CO-12	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-13	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-14	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-15	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-16	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	A-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	A-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	A-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	A-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	B-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**17.4**	1.0	17
B	B-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**45**	1.0	17
B	B-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**2.4**	1.0	17
B	B-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	C-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**1.3**	1.0	17
B	C-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**1.5**	1.0	17
B	C-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.98	1.0	—
B	C-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	CS-5	(Chip)	Concrete	1	1.2	*Annex III*	06-11-1998	CTL698248	06-23-1998	**15**	1.0	2
B	D-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.94	1.0	—
B	D-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.77	1.0	—
B	D-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	D-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	E-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.69	1.0	—
B	E-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.98	1.0	—
B	E-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.51	1.0	—
B	E-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	F-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	F-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3

Table A1.2, page 2 of 2 Sampling and Analysis Data: Station B Interior—Annex III Facility

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	F-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	G-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	G-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	H-1	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	H-2	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	H-3	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	I-1	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	0.50	1.0	—
B	I-2	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	**1.6**	1.0	17
B	I-3	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	**1.1**	1.0	17
B	I-3a	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	0.65	1.0	5, 17
B	I-4	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-1	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-2	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-3	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-4	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	K-1.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	K-2.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	**1.4**	1.0	17
B	K-3.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	K-3.5 Dup	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	5
B	L-1.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	L-2.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	L-3.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	SE-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.80	1.0	—
B	SF-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	SF-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	Equip. Blank	NA	Water	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 10	NA	—
B	Field Blank	NA	Water	1	1.2	*Annex III*	05-09-2002	02050355	05-13-2002	ND < 0.50	NA	—

Table A1.3, page 1 of 1 Sampling and Analysis Data: Station B Interior—Basement

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	11-16-MISC-117	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-118	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-119	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-120	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	1	1.0	2
B	11-16-MISC-122	NS	Concrete	1	1.3	*Basement*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	SS-N	0.0–1.0	Soil	1	1.3	*Basement*	05-02-2001	01050613	05-18-2001	ND < 0.50	1.0	—
B	SS-O	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-P	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-Q	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-R	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050665	05-18-2001	ND < 0.50	1.0	—
B	SS-S	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-T	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050665	05-18-2001	ND < 0.50	1.0	—

Table A1.4, page 1 of 3 Sampling and Analysis Data: Station B Interior—Overhead Crane

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1HX-030	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-031	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-032	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-033	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-034	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-035	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-035 EB	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	NA	—
B	1HX-036	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-037	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-038	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-039	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-040	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-041	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-042	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-043	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-044	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-045	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-047	NA	Hexane	1	1.4	*Crane*	10-25-2006	06100978r	11-07-2006	ND < 5.0	10.0	—
B	CR-CS01	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS02	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS03	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS04	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS05	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS06	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS07	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS08	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS09	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS10	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS11	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS12	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS13	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—

Table A1.4, page 2 of 3 Sampling and Analysis Data: Station B Interior—Overhead Crane

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	CR-CS14	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS15	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS16	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS17	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS18	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS18B	NA	Hexane	1	1.4	*Crane*	04-19-2002	02040671	04-23-2002	ND < 5.0	10.0	18
B	CR-CS19	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	**25**	10.0	—
B	CR-CS19B	NA	Hexane	1	1.4	*Crane*	04-19-2002	02040671	04-23-2002	ND < 5.0	10.0	18
B	CR-CS20	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS21	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS22	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS23	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS24	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS25	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS26	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS27	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS28	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS29	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS30	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS31	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS32	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS33	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS34	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS35	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS36	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS37	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS38	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS39	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS40	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS41	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS42	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—

Table A1.4, page 3 of 3 Sampling and Analysis Data: Station B Interior—Overhead Crane

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	CR-CS43	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS44	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS45	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS46	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS47	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	Field Blank 1	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	NA	—
B	Field Blank 2	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040371	04-12-2002	ND < 5.0	NA	—
B	Field Blank 3	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040371	04-12-2002	ND < 5.0	NA	—
B	11-16-MISC-113	NA	Oil	1	1.4	*Crane*	11-18-1999	CTL1199286	11-29-1999	**4**	1.0	1
B	NEM	NA	Oil	1	1.4	*Crane*	07-18-2001	01070758	07-25-2001	**6.6**	1.0	—
B	SEM	NA	Oil	1	1.4	*Crane*	07-18-2001	01070758	07-25-2001	**6.6**	1.0	—
B	RS-CS1	NA	Oil	1	1.4	*Crane*	03-21-2002	02030740	03-28-2002	ND < 2.0	1.0	18
B	1XX-010	NA	Paint	1	1.4	*Crane*	09-01-2006	06090116r	09-11-2006	**9.5**	1.0	12
B	1XX-011	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**18.2**	1.0	12, 15
B	1XX-012	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**17.6**	1.0	12, 15
B	1XX-013	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**19.3**	1.0	12, 15
B	1XX-014	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**13.1**	1.0	12, 15
B	1XX-015	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**20.4**	1.0	12, 15
B	1XX-016	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**21**	1.0	12, 15
B	1XX-017	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**21**	1.0	12, 15
B	1XX-018	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**13.4**	1.0	12, 15
B	1XX-019	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**12.5**	1.0	12, 15
B	1XX-019 D	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**15.3**	1.0	5, 12, 15
B	1XX-020	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**8.5**	1.0	12, 15
B	1XX-021	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**10.4**	1.0	12, 15
B	1XX-022	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**21**	1.0	12, 15
B	1XX-023	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**22**	1.0	12, 15
B	1XX-024	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**20**	1.0	12, 15
B	1XX-025	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**4.5**	1.0	12, 15
B	1XX-015 EB	NA	Water	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 0.50	NA	—

Table A2.1, page 1 of 1 Sampling and Analysis Data: Former Coal Yard—Elevated Hopper Tracks

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2HA-139	0.0–0.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	2HA-139	0.25–1.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	2HA-140	0.0–0.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	2HA-140	0.25–1.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	SS-HH	0.0–0.3	Soil	2	2.1	*Track A*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-II	0.0–0.3	Soil	2	2.1	*Track B*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-JJ	0.0–0.3	Soil	2	2.1	*Track E*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-KK	0.0–0.3	Soil	2	2.1	*Track C*	04-03-2002	02040166	04-06-2002	0.83	1.0	4
A	SS-LL	0.0–0.3	Soil	2	2.1	*Track E*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-MM	0.0–0.3	Soil	2	2.1	*Track D*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-NN	0.0–0.3	Soil	2	2.1	*Track C*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-OO	0.0–0.3	Soil	2	2.1	*Track E*	04-02-2002	02040305	04-11-2002	ND < 0.50	1.0	—
A	SS-X	0.0–0.6	Soil	2	2.1	*Track B*	05-14-2001	01050754	05-22-2001	ND < 0.50	1.0	—
A	SS-Y	0.0–0.6	Soil	2	2.1	*Track C*	05-14-2001	01050754	05-22-2001	ND < 0.50	1.0	—
A	SS-Z	0.0–0.6	Soil	2	2.1	*Track D*	05-14-2001	01050754	05-22-2001	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2AS-053	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-054	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-055	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-056	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-056 D	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	0.34	1.0	5
A	2AS-057	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-058	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	0.41	1.0	—
A	2AS-059	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-060	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2CO-129	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2CO-130	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2CO-131	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2CO-177	½ inch	Concrete	2	2.2	*CB2*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2CO-504	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2GP-272	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.2	1.0	15
A	2GP-272	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	1.3–1.8	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	1.8–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-272	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-272	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-273	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	15
A	2GP-273	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-273	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-273	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-273	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-273	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-273	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-274	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	3.8	1.0	15
A	2GP-274 D	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	5, 15

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2GP-274	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-274	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-274	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-274	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-274	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-274	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-274 D	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	5
A	2GP-274	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.50	1.0	—
A	2GP-275	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	**2.6**	1.0	15
A	2GP-275	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-275	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-275	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-276	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	15
A	2GP-276	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-276	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-276	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.50	1.0	—
A	2GP-277	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	15
A	2GP-277	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-277	1.3–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-277	2.5–2.8	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-277	2.8–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-277	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-277 D	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	5

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2GP-277	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-278	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-278	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-278	1.3–2.2	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-278	2.2–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-278	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-278	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-278	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.30	1.0	—
A	2GP-279	1.3–2.2	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.30	1.0	—
A	2GP-279	2.2–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	4.0–5.5	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-279	5.5–7.0	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-280	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-280	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.30	1.0	—
A	2GP-280	1.3–2.2	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.30	1.0	—
A	2GP-280	2.2–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.30	1.0	—
A	2GP-280	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-280 D	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	5
A	2GP-280	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-280	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-281	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-281	0.3–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-281	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-281	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-281	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-282	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-282	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-282	1.3–1.6	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2GP-282	1.6–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-282	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-282	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-282	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2HA-241	0.0–0.3	Asphalt	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2HA-241	0.3–0.6	Soil	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2HA-242	0.0–0.3	Asphalt	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2HA-242	0.3–0.5	Soil	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2TB-206	0.0–0.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	**3.0**	1.0	4
A	2TB-206	0.3–2.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-206	4.3–6.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	**1.44**	1.0	4
A	2TB-207	0.0–0.3	Asphalt	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-207	0.3–1.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-207	1.3–2.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-207	2.3–4.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	0.55	1.0	4
A	2TB-207	4.3–6.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-256	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-256	0.25–0.50	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-256	0.5–1.0	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-256	1.00–2.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-256	2.25–3.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-256	3.25–4.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-256	6.25–8.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-257	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-257	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-257	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-257	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-257 D	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-257	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-258	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-258	0.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2TB-258	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-258	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-259	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-259	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-259	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-259	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-259	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-260	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-260	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-260	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	0.30	1.0	—
A	2TB-260	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-260	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.70	1.0	—
A	2TB-261	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-261	0.5–1.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-261	1.5–3.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-261	3.5–5.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-262	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	0.49	1.0	—
A	2TB-262	0.5–1.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-262	1.0–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	0.41	1.0	—
A	2TB-262 D	1.0–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	0.44	1.0	—
A	2TB-262	2.5–3.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-262	3.5–4.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 1.0	1.0	15
A	2TB-263	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	0.45	1.0	—
A	2TB-263	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-263	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-263	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-263	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.50	1.0	—
A	2TB-264	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-264	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-264	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-264	2.5–4.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2TB-264	4.0–4.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-264	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-265	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-265	0.5–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-265	1.5–4.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-265	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.50	1.0	—
A	MW-07	7–9	Soil	2	2.2	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	MW-22	7–9	Soil	2	2.2	—	06-09-1998	CTL698180	06-19-1998	ND < 1.0	1.0	6
A	SS-BB	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-BB	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-CC	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-CC	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-D2	0.0–0.5	Soil	2	2.2	*Surge basin*	05-02-2001	01050164	05-04-2001	ND < 0.50	1.0	—
A	SS-DD	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-DD	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-EE	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-EE	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-09	3–7	Soil	2	2.2	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-10	11–13	Soil	2	2.2	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-C	2–4	Soil	2	2.2	—	05-10-2001	01050514	05-15-2001	ND < 0.50	1.0	—
A	TB-CCCC	0.0–0.3	Asphalt	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	2.5–2.8	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	2.8–3.8	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	4.5–6.0	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	10–12	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-D	2–4	Soil	2	2.2	—	05-11-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-DDDD	0.0–0.3	Asphalt	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	1.3–1.6	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	1.6–2.6	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	3.3–4.3	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	15–17	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-EEEE	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	1.5–1.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	1.8–2.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	3.8–5.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	10–12	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-F	0–2	Soil	2	2.2	—	05-11-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-GGGG	0.0–0.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-GGGG	1–2	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-GGGG	2.3–4.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-HHHH	0.0–0.3	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-HHHH	1.3–2.3	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-HHHH	2.3–4.3	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-HHHH	5–6	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	1.5–1.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	1.8–2.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	3.5–5.0	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	5.0–5.5	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-KKKK	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	1.0–1.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	1.3–2.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	5–6	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	5–6	Soil	2	2.2	—	04-02-2002	02040305	04-11-2002	ND < 0.50	1.0	5
A	TB-LLLL	0.0–0.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	0.3–0.6	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	0.6–1.6	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	3.3–4.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	4.3–6.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-MMMM	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-MMMM	0.5–0.8	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-MMMM	0.8–1.8	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-MMMM	4.5–6.5	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	1.0–1.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	1.3–2.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	4–5	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-OOOO	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-OOOO	2.0–2.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-OOOO	4–5	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	0.3–0.6	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	0.9–1.0	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	2.3–4.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-QQQQ	0.0–0.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-QQQQ	0.3–2.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-QQQQ	2.3–4.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-R	5–7	Soil	2	2.2	—	05-15-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-RRRR	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-RRRR	1.0–1.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-RRRR	3.3–3.9	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-RRRR	3.9–4.0	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-SSSS	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-SSSS	2.2–2.5	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-SSSS	2.5–4.5	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-TTTT	0.0–0.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-TTTT	1.0–1.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-TTTT	2.3–4.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-ZZZ	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	2.3–4.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	4.3–6.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	10–12	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-ZZZ	15–16	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	CB-2	0.0–0.3	Sediment	2	2.2	*CB2*	05-10-2001	01050508	05-15-2001	**3.8**	1.0	—
A	CB-3	0.0–0.3	Sediment	2	2.2	*CB3*	05-10-2001	01050508	05-15-2001	ND < 0.50	1.0	—
A	2AS-056 EB	½ inch	Water	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.50	NA	—
A	2GP-274 EB	0.0–0.5	Water	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 0.50	NA	—
A	2GP-274 EB	NA	Water	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.50	NA	13
A	2GP-277 EB	NA	Water	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.50	NA	—
A	2GP-280 EB	NA	Water	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.50	NA	13
A	2TB-257 EB	2.5–4.5	Water	2	2.2	—	02-23-2006	06020568	03-01-2006	ND < 0.50	NA	—
A	2TB-262 EB	1.0–2.5	Water	2	2.2	—	02-23-2006	06020568	03-01-2006	ND < 0.50	NA	—

Table A3.1, page 1 of 1 Sampling and Analysis Data: Former Capacitor Bank Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3CO-178	½ inch	Concrete	3	3.1	*CP#3*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	3CO-179	½ inch	Concrete	3	3.1	*CP#3*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	Cap3-A	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	Cap3-B	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	Cap3-C	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	Cap3-D	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	CS-4	(Scraping)	Concrete	3	3.1	*CP#3*	06-11-1998	CTL698248	06-23-1998	ND < 0.50	1.0	6
A	PCB-11	1	Soil	3	3.1	—	06-11-1998	CTL698248	06-23-1998	ND < 1.0	1.0	6
A	PCB-12	1	Soil	3	3.1	—	06-11-1998	CTL698248	06-23-1998	ND < 1.0	1.0	6
A	SS-PP	0.0–0.3	Soil	3	3.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	SS-PP	1.0–1.3	Soil	3	3.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—

Table A3.2, page 1 of 16 Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-234	0.0–0.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	0.3–1.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234 D	0.3–1.3	Soil	3	3.2	—	12-16-2004	04120611	12-27-2004	ND < 0.50	10.0	5
A	3GP-234	1.3–3.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	3.3–4.0	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	4–6	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	6–8	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-239	0.0–0.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-239	0.3–1.5	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	2.4	10.0	4
A	3GP-239	1.5–3.0	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	1.1	10.0	4
A	3GP-240	0.0–0.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-240	0.3–1.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	1.2	10.0	4
A	3GP-240	1.3–3.0	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	4.6	10.0	4
A	3GP-240	3–5	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	0.87	10.0	4
A	3GP-240	5–7	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-257	0.0–0.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	0.25–1.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	1.0–3.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	3.0–5.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	5.0–7.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.40	10.0	—
A	3GP-258	0.0–0.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	0.25–1.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	1.25–2.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	2.25–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.40	10.0	—
A	3GP-259	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.40	10.0	—
A	3GP-259	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-17-2007	ND < 0.30	10.0	—
A	3GP-259	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-17-2007	ND < 0.30	10.0	—
A	3GP-259	2.3–4.3	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-259	4.3–6.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-259 D	4.3–6.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	5
A	3GP-259	6.3–8.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-260	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	0.65	10.0	4
A	3GP-260	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.60	10.0	—
A	3GP-261	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	0.44	10.0	4
A	3GP-262	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-262	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-262	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	5.8	10.0	7, 15
A	3GP-262	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	1.3	10.0	7
A	3GP-262	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	0.60	10.0	4
A	3GP-262	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-263	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-263 D	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	5
A	3GP-263	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-263	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-263	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-263	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-263	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-264	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	1.3–2.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	2.3–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-264	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-265	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-265	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	1.1	10.0	7
A	3GP-265	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	9.6	10.0	7, 14, 15
A	3GP-265	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-265	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-265	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	0.42	10.0	4
A	3GP-265	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-266	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-266 D	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	5
A	3GP-266	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-266	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	0.52	10.0	4
A	3GP-266	2.5–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	0.75	10.0	4
A	3GP-266	4.0–4.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	16
A	3GP-266	4.3–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-266	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-267	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-267	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	3.8	10.0	4, 15
A	3GP-267	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	5.6	10.0	4, 15
A	3GP-267	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	0.48	10.0	7
A	3GP-267	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-267	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-267	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-268	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-268	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	0.74	10.0	4
A	3GP-268	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-268 D	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	5
A	3GP-269	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-269	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-269	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-270	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-270	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	3.2	10.0	4, 15
A	3GP-270	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	2.5	10.0	4
A	3GP-270	2.5–4.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-270	4.0–4.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-270	4.3–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-270	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-271	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-271	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	2.9	10.0	4, 15
A	3GP-271	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	2.2	10.0	4
A	3GP-271	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	ND < 0.30	10.0	—
A	3GP-271	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-271	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-271 **D**	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	5
A	3GP-271	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.50	10.0	—
A	3GP-283	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283 **D**	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	5
A	3GP-283	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—
A	3GP-283	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—
A	3GP-284	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-284	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—
A	3GP-285	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-285	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-285	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-286	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	0.32	10.0	7
A	3GP-286	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-286	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-286 D	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	0.58	10.0	4, 5
A	3GP-286	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-286	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-286	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-287	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-287	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-287	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-287	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-287	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.50	10.0	—
A	3GP-287	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-288	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-288	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-288	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-288	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.30	10.0	—
A	3GP-288	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-288	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-288	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.30	10.0	—
A	3GP-289	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	0.47	10.0	7
A	3GP-289	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	5.7	10.0	7, 15

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-289	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	4.4	10.0	7, 15
A	3GP-289	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-289 D	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	0.54	10.0	5, 7
A	3GP-289	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-289	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-289	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-290	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-290	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-290	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	1.6	10.0	7
A	3GP-290	2.5–3.7	Soil	3	3.2	—	01-29-2007	07010667	02-03-2007	7.2	10.0	7, 15
A	3GP-290	3.7–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-290	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-290	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-291	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-291	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-291	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	0.87	10.0	7
A	3GP-291	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	1.2	10.0	7
A	3GP-291	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-291	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-292	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292 D	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	5
A	3GP-292	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-293	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-293	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-293	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	3.1	10.0	7, 15
A	3GP-293	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-293	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-05-2007	ND < 0.30	10.0	—
A	3GP-293	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-293	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-06-2007	ND < 0.40	10.0	—
A	3GP-294	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-294	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	3.2	10.0	7, 15
A	3GP-294	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.9	10.0	7
A	3GP-294	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-294	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-294	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-294	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-295	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.0	10.0	7
A	3GP-295	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	0.41	10.0	7
A	3GP-295	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.6	10.0	7
A	3GP-295	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-295 D	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	5
A	3GP-295	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-295	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-295	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-296	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.0	10.0	7
A	3GP-296	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.4	10.0	7
A	3GP-296	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	0.95	10.0	7
A	3GP-296	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	2.3	10.0	7
A	3GP-296	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-296	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.40	10.0	—
A	3GP-296	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.40	10.0	—
A	3GP-297	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-297	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	4.7	10.0	7
A	3GP-297	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	4.2	10.0	7
A	3GP-297	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-297	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-297	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-297	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-298	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-298	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298 D	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	5
A	3GP-298	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-298	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-299	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-299	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	0.30	10.0	7
A	3GP-299	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-299	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	0.42	10.0	7
A	3GP-299	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-299	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.40	10.0	—
A	3GP-299	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.40	10.0	—
A	3GP-300	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-300	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.40	10.0	—
A	3GP-300	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	0.79	10.0	7
A	3GP-300	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-300	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-301	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-301	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	2.6	10.0	7, 15
A	3GP-301	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	4.8	10.0	7, 15
A	3GP-301	2.5–3.7	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-301 D	2.5–3.7	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	5
A	3GP-301	3.7–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-301	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-301	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-302	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-302	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-302	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	3.4	10.0	7
A	3GP-302	2.5–3.7	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-302	3.7–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-302	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-302	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-303	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	7
A	3GP-303	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	0.86	10.0	—
A	3GP-303	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-303	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	1.4	10.0	7
A	3GP-303	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-303	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-303	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-304	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-304	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-304	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-304 D	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	5
A	3GP-304	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	0.35	10.0	7
A	3GP-304	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-304	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-304	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-305	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-305	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-305	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-305	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	0.49	10.0	4
A	3GP-305	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010699	02-08-2007	ND < 0.30	10.0	—
A	3GP-305	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-08-2007	ND < 0.40	10.0	—
A	3GP-305	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-08-2007	ND < 0.40	10.0	—
A	3GP-306	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.30	10.0	—
A	3GP-306	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	3.0	10.0	4, 15
A	3GP-306	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	1.1	10.0	4
A	3GP-306	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	0.64	10.0	7
A	3GP-306	4.0–4.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.30	10.0	—
A	3GP-306	4.3–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	—
A	3GP-306	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	—
A	3GP-307	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.30	10.0	—
A	3GP-307	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-307 **D**	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	5
A	3GP-307	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	1.5	10.0	4
A	3GP-307	2.5–3.7	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	1.3	10.0	4
A	3GP-307	3.7–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-307	4.0–5.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-307	5.0–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	ND < 0.40	10.0	—
A	3GP-307	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.40	10.0	—
A	3GP-308	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-308	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	0.93	10.0	4
A	3GP-308	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-308	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-308	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.40	10.0	—
A	3GP-308	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	0.66	10.0	7
A	3GP-309	4.0–4.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	4.3–5.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	5.0–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.40	10.0	—
A	3GP-309	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.40	10.0	—
A	3GP-309 **D**	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	5
A	3GP-310	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	2.5–2.8	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	2.8–4.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.40	10.0	—
A	3GP-310	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.40	10.0	—
A	3GP-311	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-311	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-311	1.3–1.6	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-311	1.6–2.5	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-311	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3GP-311	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3GP-312	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3GP-312	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3HA-191	0.5–0.6	Soil	3	3.2	—	11-17-2004	04110658	11-29-2004	ND < 0.50	10.0	—
A	3TB-092	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	0.3–1.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	1.3–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	2.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	4.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	1.5	10.0	4
A	3TB-093	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-093	0.5–0.8	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-093	0.8–1.8	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	0.81	10.0	7
A	3TB-093	2.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-093	4.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-094	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-094	0.3–1.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	5.0	10.0	4
A	3TB-094	1.3–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	5.7	10.0	4
A	3TB-094	2.3–2.6	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	4.8	10.0	4
A	3TB-094 D	2.3–2.6	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	2.1	10.0	4, 5
A	3TB-094	2.6–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	**14**	10.0	3, 4
A	3TB-094	3–4	Soil	3	3.2	—	01-12-2007	07010325r	01-18-2007	ND < 0.30	10.0	—
A	3TB-094	4–5	Soil	3	3.2	—	01-12-2007	07010325r	01-18-2007	ND < 0.40	10.0	—
A	3TB-094	6.0–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-095	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	0.52	10.0	4
A	3TB-095	0.3–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	4.2	10.0	3, 7
A	3TB-095	2.3–3.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	4.6	10.0	3, 7

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3TB-095	3.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-095	4.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-096	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-096	0.3–2.0	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	1.3	10.0	3, 7
A	3TB-096	2.0–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	3.3	10.0	3, 7
A	3TB-096	2.3–3.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 1.0	10.0	3
A	3TB-096	3.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-096	4.3–5.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 1.0	10.0	3
A	3TB-096	5.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-196	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-196	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.57	10.0	4
A	3TB-196	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	3.2	10.0	4
A	3TB-196	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-196	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-197	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	2.31	10.0	4
A	3TB-197	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-197	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.6	10.0	4
A	3TB-197	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 1.0	10.0	3
A	3TB-197 D	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 1.0	10.0	3, 5
A	3TB-197	4.3–5.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 1.0	10.0	3
A	3TB-197	5.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-198	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-198	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	7.4	10.0	4
A	3TB-198	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-198	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.2	10.0	3, 4
A	3TB-198	4.3–5.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-198	5.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-199	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	0.74	10.0	8
A	3TB-199	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	3.5	10.0	4
A	3TB-199	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.58	10.0	4
A	3TB-199	2.3–3.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.54	10.0	4
A	3TB-199	4.0–5.0	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3TB-199	5.0–6.0	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-200	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-200	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	2.81	10.0	4
A	3TB-200	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	5.3	10.0	4
A	3TB-200	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-200	4.3–5.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-200	5.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.2	10.0	4
A	3TB-201	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-201	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	4.4	10.0	4
A	3TB-201 **D**	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	5.6	10.0	4, 5
A	3TB-201	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	8.1	10.0	4
A	3TB-201	2.3–3.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	6.8	10.0	4
A	3TB-201	3.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.53	10.0	4
A	3TB-201	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.53	10.0	4
A	3TB-202	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.95	10.0	4
A	3TB-203	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-203	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-203	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-203	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	2.1	10.0	4
A	3TB-203	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	**17**	10.0	3, 4
A	3TB-204	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	2.3–3.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	3.3–4.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204 **D**	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	5
A	3TB-205	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3TB-205	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-205	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-205	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	GP-30	0–2	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-30	2–4	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-30	4–6	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	3.8	10.0	11
A	GP-30	6–8	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	5.4	10.0	11
A	GP-30	8–10	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-30	10–12	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-33	0–2	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	2–4	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	4–6	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	6–8	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	8–10	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	10–11	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-35	0–2	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-35	2–4	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-40	0–2	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-40	2–4	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-40	4–6	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-40	6–8	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-05-1999	ND	10.0	11
A	GP-41	0–2	Soil	3	3.2	—	04-23-1999	UI, July 1999	04-30-1999	ND	10.0	11
A	GP-41	2–4	Soil	3	3.2	—	04-23-1999	UI, July 1999	04-30-1999	ND	10.0	11
A	GP-41	4–6	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-03-1999	ND	10.0	11
A	GP-41	6–8	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-03-1999	ND	10.0	11
A	GP-41	8–10	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-41	10–12	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	MW-06	5–9	Soil	3	3.2	—	06-09-1998	CTL698180	06-19-1998	ND < 1.0	10.0	6
A	MW-50	0–2	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	MW-50	2–4	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	MW-50	4–6	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	1.4	10.0	11
A	MW-50	8–10	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	MW-50	10–12	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	MW-51	0–2	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-25-1999	ND	10.0	11
A	MW-51	2–4	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-25-1999	ND	10.0	11
A	MW-51	4–6	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	ND	10.0	11
A	MW-51	6–8	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	1.7	10.0	11
A	MW-51	8–10	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	ND	10.0	11
A	MW-51	10–12	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	ND	10.0	11
A	MW-52	4–6	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	SS-D1	0.0–1.0	Soil	3	3.2	—	05-02-2001	01050164	05-04-2001	ND < 0.50	10.0	—
A	TB-AAAA	0.0–0.3	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	0.3–1.3	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	2.5–3.0	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	4–6	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	15–17	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-BBBB	0.0–0.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	0.3–1.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	2.3–4.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	4.3–6.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	10–12	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	15–17	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-IIII	0.0–0.3	Soil	3	3.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	10.0	—
A	TB-IIII	0.3–1.3	Soil	3	3.2	—	04-04-2002	02040244	04-08-2002	1.9	10.0	4
A	TB-IIII	4.3–6.3	Soil	3	3.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	10.0	—
A	TB-S	0–1	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	TB-S	2.0–3.3	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	TB-S	5–7	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	TB-S	10–12	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	3GP-234 EB	0.3–1.3	Water	3	3.2	—	12-16-2004	04120611	12-23-2004	ND < 0.50	NA	—
A	3GP-259 EB	NA	Water	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.50	NA	—
A	3GP-263 EB	NA	Water	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.50	NA	—
A	3GP-267 EB	NA	Water	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.50	NA	—
A	3GP-268 EB	NA	Water	3	3.2	—	01-12-2007	07010327r	01-18-2007	ND < 0.50	NA	—

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-271 EB	NA	Water	3	3.2	—	01-12-2007	07010327r	01-18-2007	ND < 0.50	NA	—
A	3GP-283 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	—
A	3GP-286 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	13
A	3GP-289 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	—
A	3GP-292 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	—
A	3GP-295 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	13
A	3GP-298 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	—
A	3GP-301 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	13
A	3GP-305 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	13
A	3GP-307 EB	NA	Water	3	3.2	—	01-31-2007	07020030	02-05-2007	ND < 0.50	NA	13
A	3GP-309 EB	NA	Water	3	3.2	—	01-31-2007	07020031	02-05-2007	ND < 0.50	NA	—
A	3TB-094 EB	2.3–2.6	Water	3	3.2	—	09-09-2004	04090341	09-13-2004	ND < 0.50	NA	—
A	3TB-197 EB	2.3–4.3	Water	3	3.2	—	11-18-2004	04110780	12-01-2004	ND < 0.50	NA	—
A	3TB-201 EB	0.3–1.3	Water	3	3.2	—	11-18-2004	04110780	12-01-2004	ND < 0.50	NA	—
A	3TB-204 EB	4.3–6.3	Water	3	3.2	—	11-18-2004	04110780	12-01-2004	ND < 0.50	NA	—

Sampling and Analysis Data: Station B Yard Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	6AS-001	½ inch	Asphalt	6	6.1	*EN01*	08-26-2004	04080838r3	08-30-2004	ND < 0.50	1.0	—
A	6AS-001 **D**	½ inch	Asphalt	6	6.1	*EN01*	08-26-2004	04080838r3	08-30-2004	ND < 0.50	1.0	5
A	6CO-065	½ inch	Concrete	6	6.1	*EN01*	08-26-2004	04080838r3	08-30-2004	ND < 0.50	1.0	—
A	6CO-176	½ inch	Concrete	6	6.1	*CB1*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	AOC2-CS2	0–2	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS2	2–4	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS2	5–7	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	0.0–0.25	Asphalt	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	0.25–2.0	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	2–4	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	5–7	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	MW-02	13–17	Soil	6	6.1	—	06-02-1998	CTL698057	06-10-1998	ND < 1.0	1.0	6
A	MW-03	15–17	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-01	7–8	Soil	6	6.1	—	06-02-1998	CTL698057	06-10-1998	ND < 1.0	1.0	6
A	TB-05	4–6	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-06	1–7	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-07	5	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-07A	7–9	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-08A	1–3	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-08B	9–11	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-08B	15–17	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-AAAAA	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-AAAAA	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	4.5–5.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-CCCCC	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-CCCCC	2–4	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-CCCCC	4–5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-DDDDD	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Station B Yard Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-DDDDD	0.5–0.8	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-EEEEE	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-EEEEE	0.3–2.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-EEEEE	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-FFFF	0.0–0.3	Asphalt	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFF	0.5–0.8	Soil	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFF	2.5–3.5	Soil	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFF	3.5–4.5	Soil	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFFF	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-FFFFF	0.5–0.8	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-GGGGG	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-GGGGG	0.5–1.2	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-HHHHH	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-HHHHH	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-HHHHH	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-I	2–4	Soil	6	6.1	—	05-14-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-IIIII	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-J	2–4	Soil	6	6.1	—	05-14-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-JJJJJ	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-JJJJJ	0.3–2.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-JJJJJ	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-KKKKK	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-KKKKK	1–2	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-KKKKK	4–5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-L	2–4	Soil	6	6.1	—	05-14-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-UUUU	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-UUUU	1.2–1.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-UUUU	5–7	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-VVVV	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-VVVV	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-VVVV	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—

Table A6.1, page 3 of 3 Sampling and Analysis Data: Station B Yard Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-WWWW	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-WWWW	2.2–2.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-WWWW	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-XXXX	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-XXXX	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-XXXX	4.3–6.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	2.0–2.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	2.5–3.0	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	3–5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-YYYY	5–7	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-ZZZZ	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-ZZZZ	0.3–2.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-ZZZZ	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	6HX-007	NA	Hexane	6	6.1	*EN01*	08-26-2004	04080838r3	09-01-2004	ND < 10	10.0	10
A	6HX-007 D	NA	Hexane	6	6.1	*EN01*	08-26-2004	04080838r3	09-01-2004	ND < 10	10.0	5, 10
A	Field Blank 2	NA	Hexane	6	6.1	*EN01*	08-26-2004	04080838r3	09-01-2004	ND < 5.0	NA	—
A	CB-1	0.0–0.8	Sediment	6	6.1	*CB1*	05-10-2001	01050508	05-15-2001	ND < 0.50	1.0	—
A	EB-06	NA	Water	6	6.1	*EN01*	08-26-2004	04080838r3	08-31-2004	ND < 12	NA	9

Sampling and Analysis Data: East Drive Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	MW-04D	36–40	Soil	6	6.2	—	06-10-1998	CTL698208	06-18-1998	ND < 1.0	1.0	6
A	MW-05	2–4	Soil	6	6.2	—	05-26-1998	CTL598435	06-07-1998	ND < 1.0	1.0	6
A	MW-09A	0–2	Soil	6	6.2	—	05-26-1998	CTL598435	06-07-1998	ND < 1.0	1.0	6
A	TB-II	5–7	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-MM	2–4	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-OOO	0.0–0.3	Asphalt	6	6.2	—	04-01-2002	02040044	04-02-2002	ND < 0.50	1.0	—
A	TB-OOO	0.3–1.3	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-OOO	3.0–3.5	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-OOO	4–6	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	0.0–0.3	Asphalt	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	0.3–2.3	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	2.5–3.0	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	3.5–4.0	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	4.3–6.3	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-QQ	0–2	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-QQ	10–12	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-SSS	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-SSS	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-SSS	2.6–4.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-SSS	6.6–8.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	0.6–2.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	4.6–6.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	4.6–6.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	15–17	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	2.0–2.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—

Table A6.2, page 2 of 2 Sampling and Analysis Data: East Drive Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-VVV	2.6–4.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	4.6–6.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-W	2–4	Soil	6	6.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	1.0	—
A	TB-WWW	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	0.3–2.0	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	2–4	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	4–6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	20–22	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—

Data Table for Figure 3

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1CO-608	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	ND < 0.30	1.0
1CO-609	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	0.41	1.0
1CO-610	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	ND < 0.30	1.0
1CO-611	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.83	1.0
1CO-612	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.43	1.0
1CO-613	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	ND < 0.30	1.0
1CO-614	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-615	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.69	1.0
1CO-616	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-617	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-618	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-619	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-620	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.76	1.0
1CO-621	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.94	1.0
1CO-622	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.37	1.0
1CO-623	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.72	1.0
1CO-624	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.34	1.0
1CO-625	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	ND < 0.30	1.0
1CO-626	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-627	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-627	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-628	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	0.55	1.0
1CO-629	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-630	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-631	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-632	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.85	1.0
1CO-633	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-634	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-635	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-636	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-637	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.37	1.0
1CO-638	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	ND < 0.30	1.0
1CO-639	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-640	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-641	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-642	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-643	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-644	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	0.32	1.0
1CO-645	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	ND < 0.30	1.0
1CO-646	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	1.48	1.0

Data Table for Figure 3 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1CO-647	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.6	1.0
1CO-647	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.6	1.0
1CO-648	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.40	1.0
1CO-649	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.07	1.0
1CO-650	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	0.32	1.0
1CO-651	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.37	1.0
1CO-652	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.23	1.0
1CO-653	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.42	1.0
1CO-654	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.00	1.0
1CO-655	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.81	1.0
1CO-656	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
1CO-657	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.74	1.0
1CO-658	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-659	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
1CO-660	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.89	1.0
1CO-661	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.80	1.0
1CO-662	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
1CO-663	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-664	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.81	1.0
1CO-665	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.43	1.0
1CO-666	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.51	1.0
1CO-667	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.50	1.0
1CO-667	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.41	1.0
1CO-668	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-669	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	2.1	1.0
1CO-670	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	0.46	1.0
1CO-671	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.08	1.0
1CO-672	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.23	1.0
1CO-673	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-674	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.47	1.0
1CO-675	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.26	1.0
1CO-676	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
BW-606	NA	Water	1.1	First floor	Feb 20, 2008	08020441	Feb 25, 2008	< 0.50 ug/l	NA
BW-607	NA	Water	1.1	First floor	Feb 20, 2008	08020441	Feb 25, 2008	< 0.50 ug/l	NA
BW-608	NA	Water	1.1	First floor	Feb 20, 2008	08020441	Feb 25, 2008	< 0.50 ug/l	NA
1CO-677	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-678	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-679	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-680	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	1.17	1.0
1CO-681	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	4.5	1.0

Data Table for Figure 3 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1CO-682	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	6.1	1.0
1CO-683	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.98	1.0
1CO-684	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.39	1.0
1CO-685	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.57	1.0
1CO-686	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-687	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-687	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-688	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.93	1.0
1CO-689	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	1.76	1.0
1CO-690	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	2.3	1.0
1CO-691	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 10, 2008	4.4	1.0
1CO-692	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.70	1.0
1CO-693	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-694	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-695	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-696	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	1.1	1.0
1CO-697	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	16,000	1.0
1CO-698	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	3.2	1.0
1CO-699	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	1.2	1.0
1CO-700	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-701	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-702	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	0.36	1.0
1CO-703	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.36	1.0
1CO-703	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	0.38	1.0
BW-609	NA	Water	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	< 0.50 ug/l	NA
BW-610	NA	Water	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	< 0.50 ug/l	NA
1XX-606	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.30	1.0
1XX-607	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.30	1.0
1XX-608	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-609	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-610	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-611	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-612	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-613	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-614	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-615	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-615	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1 0
1XX-616	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-617	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-618	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0

Data Table for Figure 3 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1XX-619	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-620	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-621	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-622	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-623	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-624	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
BW-611	NA	Water	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	< 0.50 ug/l	NA

Hexane Wipe Samples of Steel Floor Girders

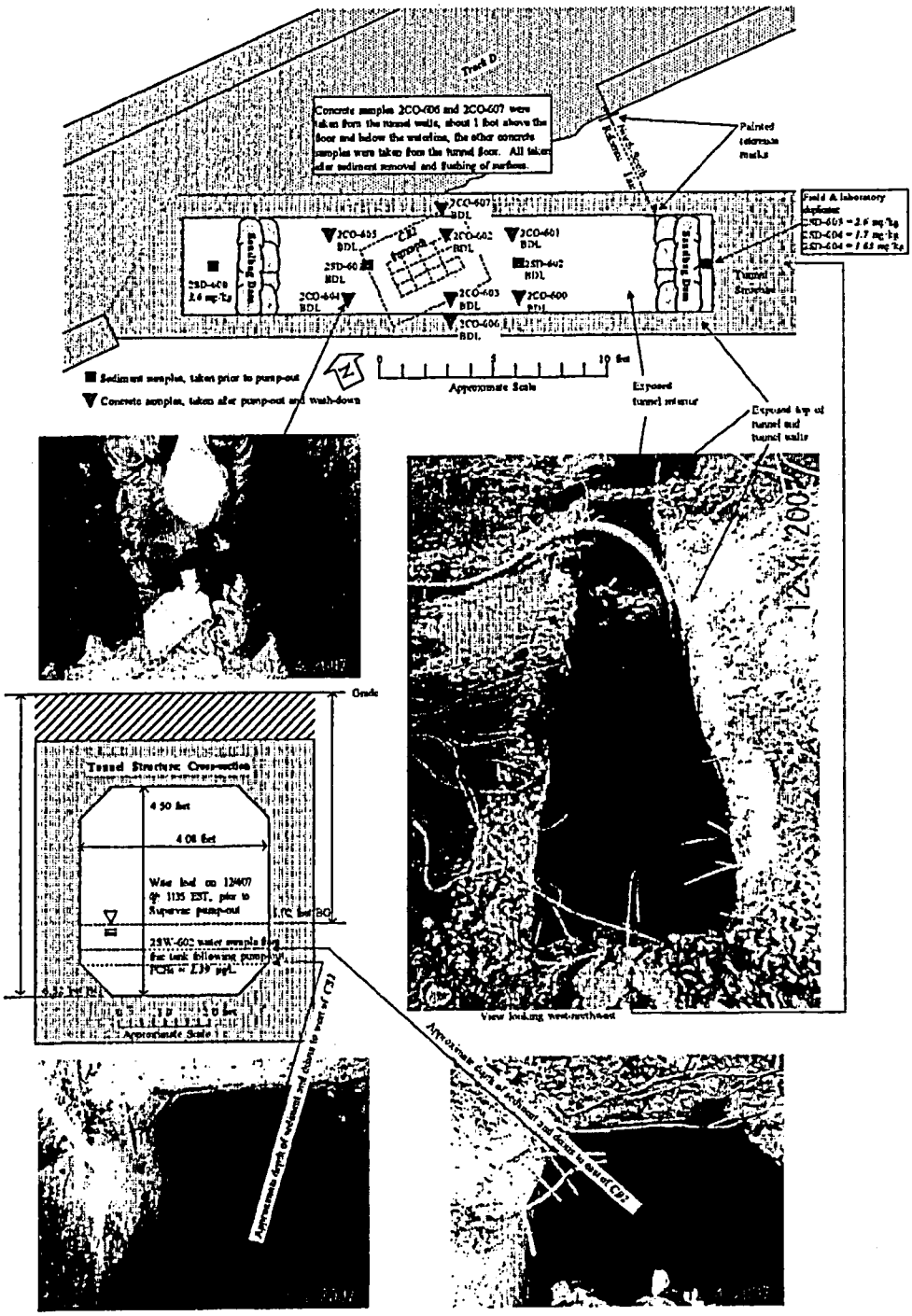
Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (ug/100 sq cm)	Cleanup Criterion (ug/100 sq cm)
1HX-600	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-601	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-602	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-603	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-604	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-605	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-606	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-607	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-608	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-609	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-610	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-611	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-612	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-613	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-614	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-615	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-616	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-617	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-618	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-619	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-620	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-621	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-622	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-623	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-624	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-625	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-626	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	2.3	10.0
1HX-627	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	7.9	10.0

Data Table for Figure 3 (cont)

Hexane Wipe Samples of Steel Floor Girders

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (ug/100 sq cm)	Cleanup Criterion (ug/100 sq cm)
1HX-628	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-629	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-630	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-631	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-632	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-633	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-634	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-635	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-636	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-637	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-638	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-639	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-640	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-641	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-642	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-643	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	NA

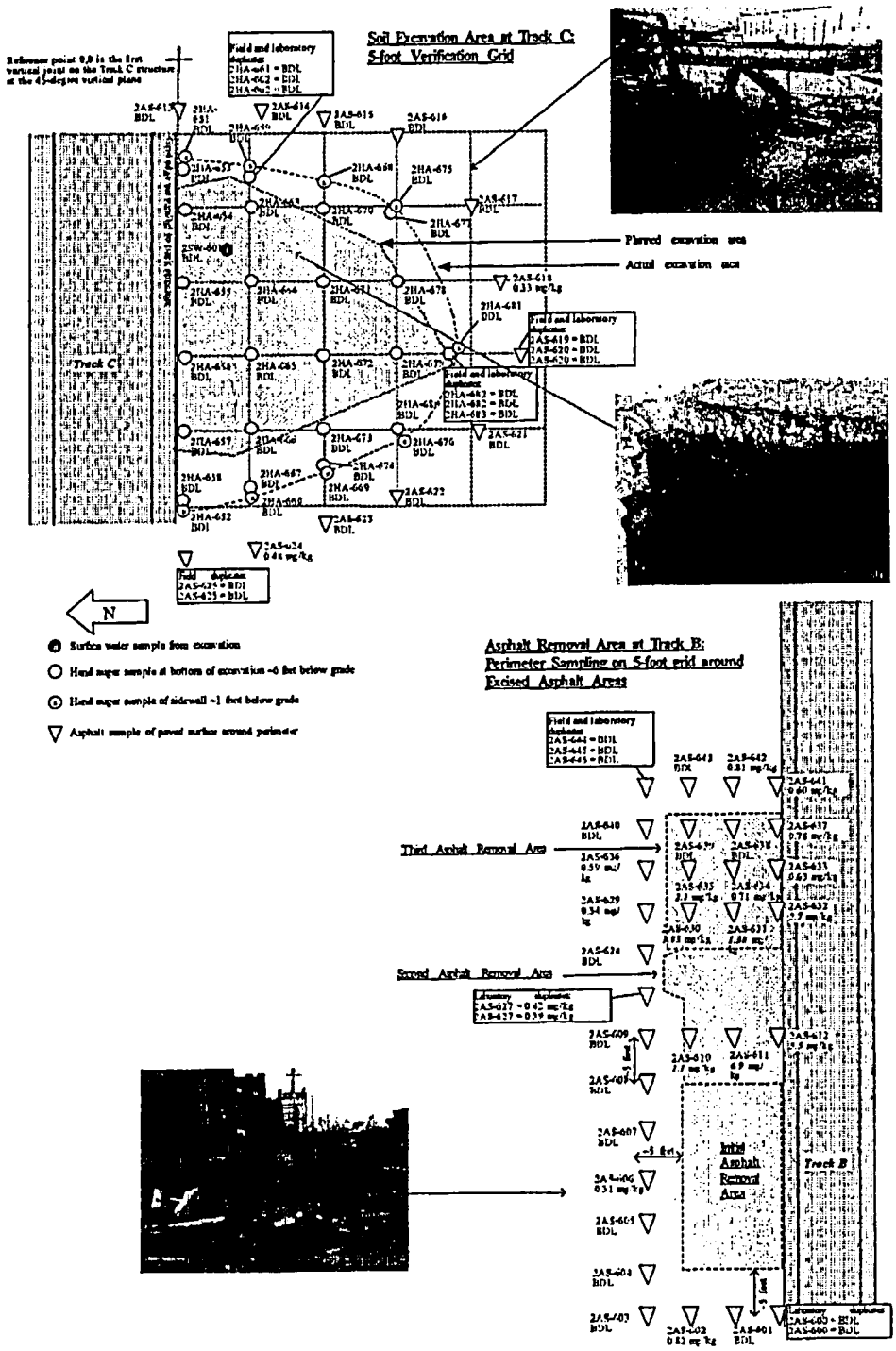
Figure 4
COOLING WATER DISCHARGE TUNNEL: CLEANUP STATUS
(compare to Plan Figure A2.2c)



Data Table for Figure 4

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2SW-602	Surface	Water	2.2	Frac tank	Dec 07, 2007	07120202	Dec 10, 2007	1.39 ug/l	NA
2SD-600	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	3.6	1.0
2SD-601	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	ND < 0.80	1.0
2SD-602	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	ND < 1.0	1.0
2SD-603	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	2.6	1.0
2SD-604	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	1.7	1.0
2SD-604	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	1.63	1.0
2CO-600	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.50	1.0
2CO-601	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0
2CO-602	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0
2CO-603	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.40	1.0
2CO-604	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.40	1.0
2CO-605	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.40	1.0
2CO-606	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0
2CO-607	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0

Figure 5
CENTRAL COAL YARD: EXCAVATION CLEANUP STATUS
(compare to Plan Figure A2.2b)



Data Table for Figure 5

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2BW-601	NA	Water	2.2	@ Track B	Nov 29, 2007	07120018	Dec 06, 2007	ND < 0.50	NA
2AS-600	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.40	1.0
2AS-600	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.30	1.0
2AS-601	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-602	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	0.82	1.0
2AS-603	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-604	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-605	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-606	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	0.31	1.0
2AS-607	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-608	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-609	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-610	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	1.1	1.0
2AS-611	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	6.9	1.0
2AS-612	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	3.5	1.0
2AS-627	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	0.42	1.0
2AS-627	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	0.39	1.0
2AS-628	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	ND < 0.30	1.0
2AS-629	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	0.34	1.0
2AS-630	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	1.03	1.0
2AS-631	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	1.5	1.0
2AS-632	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 14, 2007	2.7	1.0
2BW-605	NA	Water	2.2	@ Track B	Dec 11, 2007	07120299	Dec 14, 2007	< 0.50 ug/l	NA
2AS-633	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.63	1.0
2AS-634	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.71	1.0
2AS-635	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	1.1	1.0
2AS-636	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.59	1.0
2AS-637	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.78	1.0
2AS-638	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-639	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-640	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-641	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.60	1.0
2AS-642	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.81	1.0
2AS-643	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 28, 2007	ND < 0.30	1.0
2AS-644	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-645	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-645	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2HA-651	1-1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-652	1-1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0

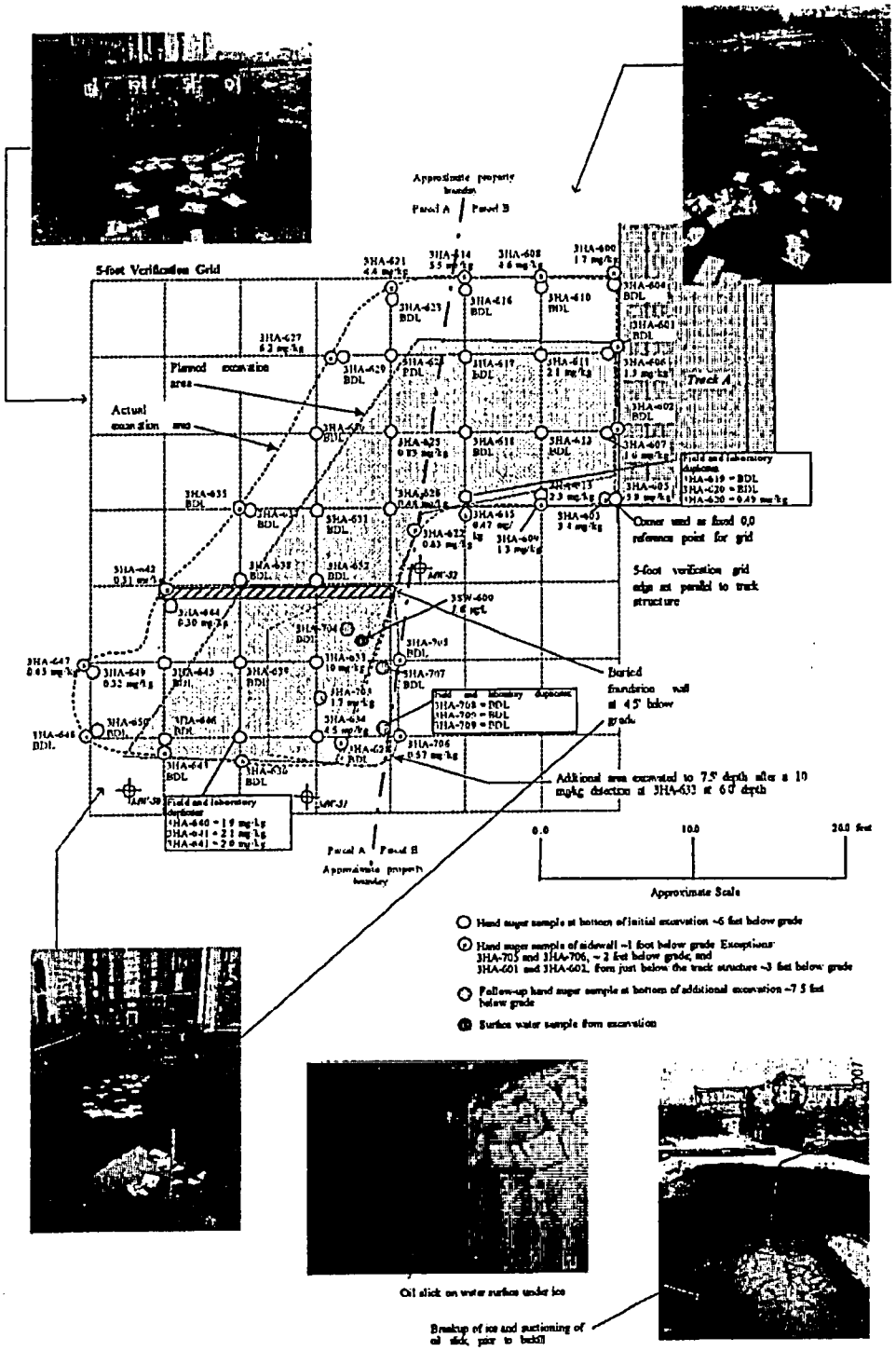
Data Table for Figure 5 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2HA-653	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.40	1.0
2HA-654	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.40	1.0
2HA-655	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-656	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-657	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-658	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-659	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-660	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-661	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-662	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-662	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-663	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-664	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-665	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-666	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-667	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.50	1.0
2HA-668	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-669	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-670	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-671	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-672	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-673	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-674	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-675	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.30	1.0
2HA-676	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.30	1.0
2HA-677	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-678	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 05, 2007	ND < 0.40	1.0
2HA-679	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-680	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-681	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.30	1.0
2HA-682	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-683	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-683	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2AS-613	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-614	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-615	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-616	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-617	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-618	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	0.33	1.0
2AS-619	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.40	1.0

Data Table for Figure 5 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2AS-620	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.40	1.0
2AS-620	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.30	1.0
2AS-621	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-622	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-623	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-624	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	0.48	1.0
2AS-625	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-626	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2SW-601	Surface	Water	2.2	@ Track C	Dec 04, 2007	07120142r	Dec 07, 2007	< 0.50 ug/l	NA
2BW-602	NA	Water	2.2	@ Track C	Dec 04, 2007	07120142r	Dec 07, 2007	< 0.50 ug/l	NA
2SW-602	Surface	Water	2.2	Frac tank	Dec 07, 2007	07120202	Dec 10, 2007	1.39	NA

Figure 6
COAL YARD SOUTHWEST CORNER: EXCAVATION CLEANUP STATUS
(compare to Plan Figure A3)



Data Table for Figure 6

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
3HA-600	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	1.7	10.0
3HA-601	3–3.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-602	3–3.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.30	10.0
3HA-603	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	3.4	10.0
3HA-604	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	ND < 0.40	10.0
3HA-605	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	5.8	10.0
3HA-606	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	1.3	10.0
3HA-607	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	1.6	10.0
3HA-608	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	4.6	10.0
3HA-609	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	1.3	10.0
3HA-610	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-611	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	2.1	10.0
3HA-612	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-613	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	2.3	10.0
3HA-614	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	5.5	10.0
3HA-615	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	0.47	10.0
3HA-616	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-617	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-618	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-619	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.30	10.0
3HA-620	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.40	10.0
3HA-620	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.49	10.0
3HA-621	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	4.4	10.0
3HA-622	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.63	10.0
3HA-623	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.40	10.0
3HA-624	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.40	10.0
3HA-625	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.83	10.0
3HA-626	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.48	10.0
3HA-627	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	6.2	10.0
3HA-627	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	6.2	10.0
3HA-628	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.30	10.0
3HA-629	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-630	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-631	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-632	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-633	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 05, 2007	10	10.0
3HA-634	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 05, 2007	4.5	10.0
3HA-635	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-636	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-637	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.40	10.0

Data Table for Figure 6 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
3HA-638	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-639	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-640	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	1.9	10.0
3HA-641	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	2.1	10.0
3HA-641	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	2.0	10.0
3HA-642	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	0.31	10.0
3HA-643	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-644	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	0.30	10.0
3HA-645	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-646	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-647	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 05, 2007	0.45	10.0
3HA-648	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-649	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	0.32	10.0
3HA-650	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
BW-600	NA	Water	3.2	@ Track A	Nov 28, 2007	07110874	Dec 01, 2007	<0.50 ug/l	NA
3SW-600	Surface	Water	3.2	@ Track A	Dec 04, 2007	07120142r	Dec 07, 2007	1.6 ug/l	NA
3HA-703	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 14, 2007	1.7	10.0
3HA-704	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-705	2–2.25	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.30	10.0
3HA-706	2–2.25	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	0.57	10.0
3HA-707	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-708	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-709	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-709	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0773	14I0773
				Lab Sample No.:	14I0683-01SITE	14I0683-02SITE	14I0683-03SITE	14I0683-04SITE	14I0683-05SITE	14I0683-06SITE	14I0683-07SITE	14I0683-08SITE	14I0683-09SITE	14I0683-10SITE	14I0683-11SITE	14I0683-12SITE	14I0683-13SITE	14I0683-14SITE	14I0683-15SITE	14I0683-16SITE	14I0683-17SITE	14I0683-18SITE	14I0683-19SITE	14I0683-20SITE	14I0683-21SITE	14I0683-22SITE	14I0683-23SITE	14I0683-24SITE	14I0773-01SITE	14I0773-02SITE
.					**SB-091614-01A**	**SB-091614-01B**	**SB-091614-01C**	**SB-091614-02A**	**SB-091614-02B**	**SB-091614-02C**	**SB-091614-03A**	**SB-091614-03B**	**SB-091614-03C**	**SB-091614-04A**	**SB-091614-04B**	**SB-091614-04C**	**SB-091614-05A**	**SB-091614-05B**	**SB-091614-05C**	**SB-091614-06A**	**SB-091614-06B**	**SB-091614-06C**	**SB-091614-07A**	**SB-091614-07B**	**SB-091614-07C**	**SB-091614-08A**	**SB-091614-08B**	**SB-091614-08C**	**SB-091714-09A**	**SB-091714-09B**
Sample Depth (ft.)					**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0-0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**0.7- 1.0**	**3.7- 4.0**	**0.0- 0.3**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**0.8- 1.2**	**3.7- 4.0**	**0.0- 0.4**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**0.8- 1.2**	**3.7- 4.0**	**0.0- 0.3**	**1.0- 1.5**	**3.8- 4.0**	**0.0- 0.3**	**1.0- 1.5**
Date Collected					**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/17/14**	**09/17/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1221	11104-28-2	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1232	11141-16-5	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1242	53469-21-9	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1248	12672-29-6	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1254	11097-69-1	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	0.34	<0.11
PCB-1260	11096-82-5	mg/kg			1.8	0.35	<0.1	0.65	3.4	<0.11	<0.11	0.13	0.4	<0.1	<0.11	<0.11	<0.1	<0.11	0.17	<0.1	0.12	<0.13	<0.1	0.81	0.22	<0.1	<0.11	0.11	0.26	<0.11
PCB-1262	37324-23-5	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1268	11100-14-4	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	0.23
PCBs-Total		mg/kg	1	10	**1.8**	0.35	<BRL	0.65	**3.4**	<BRL	<BRL	0.13	0.4	<BRL	<BRL	<BRL	<BRL	<BRL	0.17	<BRL	0.12	<BRL	<BRL	0.81	0.22	<BRL	<BRL	0.11	0.6	0.23
SOIL-Misc																														
Solids, Total	TotSolids	%			92.9	95.2	95.5	95.5	95.2	87.3	90.3	95.2	88.3	96.4	90	89.6	96.1	94.3	87.2	96	95.3	77.2	97.5	91.2	82.1	98.4	90.2	90.1	96.5	91.5

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773
				Lab Sample No.:	14I0773-03SITE	14I0773-04SITE	14I0773-05SITE	14I0773-06SITE	14I0773-07SITE	14I0773-08SITE	14I0773-09SITE	14I0773-10SITE	14I0773-11SITE	14I0773-12SITE	14I0773-13SITE	14I0773-14SITE	14I0773-15SITE	14I0773-16SITE	14I0773-17SITE	14I0773-18SITE	14I0773-19SITE	14I0773-20SITE	14I0773-21SITE	14I0773-22SITE	14I0773-23SITE	14I0773-24SITE	14I0773-25SITE	14I0773-26SITE	14I0773-27SITE	14I0773-28SITE
					SB-091714-09C	**SB-091714-10A**	**SB-091714-10B**	**SB-091714-10C**	**SB-091714-11A**	**SB-091714-11B**	**SB-091714-11C**	**SB-091714-12A**	**SB-091714-12B**	**SB-091714-12C**	**SB-091714-13A**	**SB-091714-13B**	**SB-091714-13C**	**SB-091714-14A**	**SB-091714-14B**	**SB-091714-14C**	**SB-091714-15A**	**SB-091714-15B**	**SB-091714-15C**	**SB-091714-16A**	**SB-091714-16B**	**SB-091714-16C**	**SB-091714-17A**	**SB-091714-17B**	**SB-091714-17C**	**SB-091714-18A**
Sample Depth (ft.)					**3.7- 4.0**	**0.0- 0.5**	**0.8- 1.2**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 1.0**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.3**
Date Collected					**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1221	11104-28-2	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1232	11141-16-5	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1242	53469-21-9	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1248	12672-29-6	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1254	11097-69-1	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1260	11096-82-5	mg/kg			<0.11	0.64	5.1	<0.1	0.49	1.4	5.1	0.24	0.31	<0.11	0.23	1	<0.11	0.45	<0.1	<0.11	0.45	0.13	<0.11	13	5.7	<0.11	0.36	<0.1	<0.11	0.19
PCB-1262	37324-23-5	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1268	11100-14-4	mg/kg			<0.11	0.82	<1	<0.1	0.48	0.93	<1	<0.1	<0.1	<0.11	0.18	0.82	<0.11	0.61	<0.1	<0.11	0.23	<0.1	<0.11	<2.1	<1	<0.11	0.34	0.11	<0.11	<0.1
PCBs-Total		mg/kg	1	10	<BRL	**1.46**	**5.1**	<BRL	0.97	**2.33**	**5.1**	0.24	0.31	<BRL	0.41	**1.82**	<BRL	**1.06**	<BRL	<BRL	0.68	0.13	<BRL	**13**	**5.7**	<BRL	0.7	0.11	<BRL	0.19
SOIL-Misc																														
Solids, Total	TotSolids	%			89.9	98	95.4	93.7	97.5	95.5	96.6	95.2	95.3	91.6	93.2	97.1	89.1	97.2	96.7	89.6	95.1	97	87.9	95.6	95.6	94.6	97.1	96	89.5	95.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
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PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867
				Lab Sample No.:	14I0773-29SITE	14I0773-30SITE	14I0773-31SITE	14I0773-32SITE	14I0773-33SITE	14I0773-34SITE	14I0773-35SITE	14I0773-36SITE	14I0773-37SITE	14I0773-38SITE	14I0773-39SITE	14I0773-40SITE	14I0773-41SITE	14I0773-42SITE	14I0773-43SITE	14I0773-44SITE	14I0773-45SITE	14I0773-46SITE	14I0773-47SITE	14I0773-48SITE	14I0867-01SITE	14I0867-02SITE	14I0867-03SITE	14I0867-04SITE	14I0867-05SITE	14I0867-06SITE
					SB-091714-18B	**SB-091714-18C**	**SB-091714-19A**	**SB-091714-19B**	**SB-091714-19C**	**SB-091714-20A**	**SB-091714-20B**	**SB-091714-20C**	**SB-091714-21A**	**SB-091714-21B**	**SB-091714-21C**	**SB-091714-22A**	**SB-091714-22B**	**SB-091714-22C**	**SB-091714-23A**	**SB-091714-23B**	**SB-091714-23C**	**SB-091714-24A**	**SB-091714-24B**	**SB-091714-24C**	**SB-091814-25A**	**SB-091814-25B**	**SB-091814-25C**	**SB-091814-26A**	**SB-091814-26B**	**SB-091814-26C**
Sample Depth (ft.)					**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.3**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.3**	**3.7- 4.0**	**Surface Asphalt**	**0.8 -1.2**	**3.7- 4.0**	**Surface Asphalt**	**0.8- 1.2**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.3**	**3.7- 4.0**	**Surface Asphalt**	**0.8- 1.3**	**3.7- 4.0**
Date Collected					**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1221	11104-28-2	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1232	11141-16-5	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1242	53469-21-9	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1248	12672-29-6	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1254	11097-69-1	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1260	11096-82-5	mg/kg			<0.11	<0.13	0.27	<0.1	<0.11	0.41	0.33	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1262	37324-23-5	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1268	11100-14-4	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCBs-Total		mg/kg	1	10	<BRL	<BRL	0.27	<BRL	<BRL	0.41	0.33	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			92.8	77.4	95.5	94.9	92.9	95.9	97.5	80.4	99.7	93.6	80.3	99.7	91.5	80.5	99.7	94.3	68.8	99.7	93.7	76.9	99.8	94.5	64.2	99.7	92	82.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002
				Lab Sample No.:	14I0867-07SITE	14I0867-08SITE	14I0867-09SITE	14I0867-10SITE	14I0867-11SITE	14I0867-12SITE	14I0867-13SITE	14I0867-14SITE	14I0867-15SITE	14I0867-16SITE	14I0867-17SITE	14I0867-18SITE	14I0867-19SITE	14I0867-20SITE	14I0867-21SITE	14I0867-22SITE	14I0867-23SITE	14I0867-24SITE	14I1002-01SITE	14I1002-02SITE	14I1002-03SITE	14I1002-04SITE	14I1002-05SITE	14I1002-06SITE	14I1002-07SITE	14I1002-08SITE
-					**SB-091814-27A**	**SB-091814-27B**	**SB-091814-27C**	**SB-091814-28A**	**SB-091814-28B**	**SB-091814-28C**	**SB-091814-29A**	**SB-091814-29B**	**SB-091814-29C**	**SB-091814-30A**	**SB-091814-30B**	**SB-091814-30C**	**SB-091814-31A**	**SB-091814-31B**	**SB-091814-31C**	**SB-091814-32A**	**SB-091814-32B**	**SB-091814-32C**	**SB-091914-33A**	**SB-091914-33B**	**SB-091914-33C**	**SB-091914-34A**	**SB-091914-34B**	**SB-091914-34C**	**SB-091914-35A**	**SB-091914-35B**
Sample Depth (ft.)					**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**
Date Collected					**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	<0.13	0.15	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	0.17	<0.11	<0.11	<0.099	<0.1	<0.11	0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.13	<0.099	0.16	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	0.15	0.16	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	0.17	<BRL	<BRL	<BRL	<BRL	<BRL	0.11	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			99.8	92.1	76.3	99.8	89.3	76.3	99.8	93.9	68.5	99.8	94.5	94.2	99.7	92.1	90.4	99.8	93.5	92.5	99.6	95.7	93.2	99.7	96.5	93.9	99.6	97.2

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004
				Lab Sample No.:	14I1002-09SITE	14I1002-10SITE	14I1002-11SITE	14I1002-12SITE	14I1002-13SITE	14I1002-14SITE	14I1002-15SITE	14I1002-16SITE	14I1002-17SITE	14I1002-18SITE	14I1002-19SITE	14I1002-20SITE	14I1002-21SITE	14I1002-22SITE	14I1002-23SITE	14I1002-24SITE	14I1002-25SITE	14I1002-26SITE	14I1002-27SITE	14I1004-01SITE	14I1004-02SITE	14I1004-03SITE	14I1004-04SITE	14I1004-05SITE	14I1004-06SITE	14I1004-07SITE
-					**SB-091914-35C**	**SB-091914-36A**	**SB-091914-36B**	**SB-091914-36C**	**SB-091914-37A**	**SB-091914-37B**	**SB-091914-37C**	**SB-091914-38A**	**SB-091914-38B**	**SB-091914-38C**	**SB-091914-39A**	**SB-091914-39B**	**SB-091914-39C**	**SB-091914-40A**	**SB-091914-40B**	**SB-091914-40C**	**SB-091914-41A**	**SB-091914-41B**	**SB-091914-41C**	**SB-092214-42A**	**SB-092214-42B**	**SB-092214-42C**	**SB-092214-43A**	**SB-092214-43B**	**SB-092214-43C**	**SB-092214-44A**
Sample Depth (ft.)					**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**
Date Collected					**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																											
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1254	11097-69-1	mg/kg			<0.1	0.17	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1260	11096-82-5	mg/kg			<0.1	0.68	<0.11	<0.1	<0.1	<0.1	<0.11	0.12	0.43	<0.1	<0.1	<0.11	<0.11	0.37	<0.1	<0.1	<0.099	<0.1	<0.11	0.13	<0.11	<0.11	0.48	<0.12	<0.1	0.26
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1268	11100-14-4	mg/kg			<0.1	0.28	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	0.23	<0.12	<0.1	<0.097
PCBs-Total		mg/kg	1	10	<BRL	**1.13**	<BRL	<BRL	<BRL	<BRL	<BRL	0.12	0.43	<BRL	<BRL	<BRL	<BRL	0.37	<BRL	<BRL	<BRL	<BRL	<BRL	0.13	<BRL	<BRL	0.71	<BRL	<BRL	0.26
SOIL-Misc																															
Solids, Total	TotSolids	%			97.4	98.8	93.6	97	99.2	95.3	89.7	99.7	98	96.7	99.2	94.5	94.2	99.2	95	97.2	99.7	95.7	93.6	99.7	91.6	91.6	91.6	82.9	93.9	99.6

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005
				Lab Sample No.:	14I1004-08SITE	14I1004-09SITE	14I1004-10SITE	14I1004-11SITE	14I1004-12SITE	14I1004-13SITE	14I1004-14SITE	14I1004-15SITE	14I1004-16SITE	14I1004-17SITE	14I1004-18SITE	14I1004-19SITE	14I1004-20SITE	14I1005-01SITE	14I1005-02SITE	14I1005-03SITE	14I1005-04SITE	14I1005-05SITE	14I1005-06SITE	14I1005-07SITE	14I1005-08SITE	14I1005-09SITE	14I1005-10SITE	14I1005-11SITE	14I1005-12SITE	14I1005-13SITE
					SB-092214-44B	**SB-092214-44C**	**SB-092214-45A**	**SB-092214-45B**	**SB-092214-45C**	**SB-092214-46A**	**SB-092214-46B**	**SB-092214-46C**	**SB-092214-47A**	**SB-092214-47B**	**SB-092214-47C**	**SB-092214-48A**	**SB-092214-48B**	**SB-092214-48C**	**SB-092214-49A**	**SB-092214-49B**	**SB-092214-49C**	**SB-092214-50A**	**SB-092214-50B**	**SB-092214-50C**	**SB-092214-51A**	**SB-092214-51B**	**SB-092214-51C**	**SB-092214-52A**	**SB-092214-52B**	**SB-092214-52C**
Sample Depth (ft.)					**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**2.0- 3.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.2**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.3- 0.6**	**1.0- 1.5**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**0.3- 0.5**	**0.7- 1.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**
Date Collected					**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	0.16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1254	11097-69-1	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	0.18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1260	11096-82-5	mg/kg			<0.1	<0.1	0.49	<0.12	<0.11	0.31	0.41	<0.1	0.32	<0.11	<0.1	0.59	0.43	<0.1	<0.1	0.18	<0.1	0.42	0.12	<0.1	0.16	0.28	<0.1	<0.1	0.16	<0.099
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1268	11100-14-4	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCBs-Total		mg/kg	1	10	<BRL	<BRL	0.49	<BRL	<BRL	0.31	0.41	<BRL	0.32	<BRL	<BRL	0.59	0.43	<BRL	<BRL	0.18	<BRL	0.76	0.12	<BRL	0.16	0.28	<BRL	<BRL	0.16	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			94.8	93.5	99.7	82.3	88.2	99.7	97.3	94.5	99.7	88.3	95.3	99.7	95.9	97.5	99.4	98.6	97.9	99.2	98.1	98.8	99.4	98.5	96.9	99.5	99	98.5

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062
				Lab Sample No.:	14I1005-14SITE	14I1005-15SITE	14I1005-16SITE	14I1005-17SITE	14I1005-18SITE	14I1005-19SITE	14I1005-20SITE	14I1005-21SITE	14I1005-22SITE	14I1062-01SITE	14I1062-02SITE	14I1062-03SITE	14I1062-04SITE	14I1062-05SITE	14I1062-06SITE	14I1062-07SITE	14I1062-08SITE	14I1062-09SITE	14I1062-10SITE	14I1062-11SITE	14I1062-12SITE	14I1062-13SITE	14I1062-14SITE	14I1062-15SITE	14I1062-16SITE	14I1062-17SITE
-					**SB-092214-53A**	**SB-092214-53B**	**SB-092214-53C**	**SB-092214-54A**	**SB-092214-54B**	**SB-092214-54C**	**SB-092214-55A**	**SB-092214-55B**	**SB-092214-55C**	**SB-092314-56A**	**SB-092314-56B**	**SB-092314-56C**	**SB-092314-57A**	**SB-092314-57B**	**SB-092314-57C**	**SB-092314-58A**	**SB-092314-58B**	**SB-092314-58C**	**SB-092314-59A**	**SB-092314-59B**	**SB-092314-59C**	**SB-092314-60A**	**SB-092314-60B**	**SB-092314-60C**	**SB-092314-61A**	**SB-092314-61B**
Sample Depth (ft.)					**Surface Asphalt**	**0.8- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**0.0- 0.08**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 0.1**	**0.8- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**0.8- 1.5**
Date Collected					**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	0.11	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	0.22	<0.1	<0.1	0.11	<0.11	<0.12	<0.11	0.29	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	0.21	<0.11
PCB-1260	11096-82-5	mg/kg			0.17	<0.1	<0.1	<0.1	<0.11	<0.1	0.24	<0.099	<0.11	0.55	0.3	<0.1	0.28	0.5	<0.12	<0.11	1.2	<0.12	0.36	<0.1	<0.1	<0.1	<0.1	<0.1	0.81	0.21
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCBs-Total		mg/kg	1	10	0.17	<BRL	<BRL	<BRL	<BRL	<BRL	0.35	<BRL	<BRL	0.77	0.3	<BRL	0.39	0.5	<BRL	<BRL	**1.49**	<BRL	0.36	<BRL	<BRL	<BRL	<BRL	<BRL	**1.02**	0.21
SOIL-Misc																														
Solids, Total	TotSolids	%			99.4	98.5	96.6	99.5	94.1	98.6	99.5	98.9	92.6	99	94.3	95.5	94.1	88.7	81.9	93.3	92.2	85.9	94.9	97.7	95.1	99.5	96.7	94.1	95.9	94.3

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
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NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116
				Lab Sample No.:	14I1062-18SITE	14I1062-19SITE	14I1062-20SITE	14I1062-21SITE	14I1062-22SITE	14I1062-23SITE	14I1062-24SITE	14I1062-25SITE	14I1062-26SITE	14I1062-27SITE	14I1062-28SITE	14I1062-29SITE	14I1062-30SITE	14I1116-01SITE	14I1116-02SITE	14I1116-03SITE	14I1116-04SITE	14I1116-05SITE	14I1116-06SITE	14I1116-07SITE	14I1116-08SITE	14I1116-09SITE	14I1116-10SITE	14I1116-11SITE	14I1116-12SITE	14I1116-13SITE
					SB-092314-61C	**SB-092314-62A**	**SB-092314-62B**	**SB-092314-62C**	**SB-092314-63A**	**SB-092314-63B**	**SB-092314-63C**	**SB-092314-64A**	**SB-092314-64B**	**SB-092314-64C**	**SB-092314-65A**	**SB-092314-65B**	**SB-092314-65C**	**SB-092414-66A**	**SB-092414-66B**	**SB-092414-66C**	**SB-092414-67A**	**SB-092414-67B**	**SB-092414-67C**	**SB-092414-68A**	**SB-092414-68B**	**SB-092414-68C**	**SB-092414-69A**	**SB-092414-69B**	**SB-092414-69C**	**SB-092414-70A**
Sample Depth (ft.)					**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**
Date Collected					**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																											
PCB-1016	12674-11-2	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1221	11104-28-2	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1232	11141-16-5	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1242	53469-21-9	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1248	12672-29-6	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1254	11097-69-1	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	0.2	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1260	11096-82-5	mg/kg			<0.11	<0.1	<0.099	<0.11	0.12	0.67	<0.11	0.46	<0.11	<0.11	0.15	<0.11	<0.11	<0.1	5.7	1.8	<0.1	0.49	0.55	0.11	5.1	<0.1	0.43	7.3	<0.1	<0.098
PCB-1262	37324-23-5	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1268	11100-14-4	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	<BRL	0.12	0.67	<BRL	0.66	<BRL	<BRL	0.15	<BRL	<BRL	<BRL	**5.7**	**1.8**	<BRL	0.49	0.55	0.11	**5.1**	<BRL	0.43	**7.3**	<BRL	<BRL
SOIL-Misc																															
Solids, Total	TotSolids	%			86.8	99.4	97.8	92.6	99.5	94.7	93.8	98.8	93.8	92.7	99.5	94.1	92.7	94.9	91.3	92	95.8	94.5	88.9	99.3	94.4	93.9	99.7	94.9	92.6	99.7

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244
				Lab Sample No.:	14I1116-14SITE	14I1116-15SITE	14I1116-16SITE	14I1116-17SITE	14I1116-18SITE	14I1116-19SITE	14I1116-20SITE	14I1116-21SITE	14I1116-22SITE	14I1116-23SITE	14I1116-24SITE	14I1116-25SITE	14I1116-26SITE	14I1116-27SITE	14I1244-01SITE	14I1244-02SITE	14I1244-03SITE	14I1244-04SITE	14I1244-05SITE	14I1244-06SITE	14I1244-07SITE	14I1244-08SITE	14I1244-09SITE	14I1244-10SITE	14I1244-11SITE	14I1244-12SITE
					SB-092414-70B	**SB-092414-70C**	**SB-092414-71A**	**SB-092414-71B**	**SB-092414-71C**	**SB-092414-72A**	**SB-092414-72B**	**SB-092414-72C**	**SB-092414-73A**	**SB-092414-73B**	**SB-092414-73C**	**SB-092414-74A**	**SB-092414-74B**	**SB-092414-74C**	**SB-092614-75A**	**SB-092614-75B**	**SB-092614-75C**	**SB-092614-76A**	**SB-092614-76B**	**SB-092614-76C**	**SB-092614-77A**	**SB-092614-77B**	**SB-092614-77C**	**SB-092614-78A**	**SB-092614-78B**	**SB-092614-78C**
Sample Depth (ft.)					**0.5- 1.5**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**
Date Collected					**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	0.15	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	<0.096	0.33	<0.1	<0.096	<0.1	<0.1	0.19	2.1	<0.1	14	<0.1	<0.11	0.11	<0.1	<0.1	<0.1	<0.1	<0.1	0.73	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	0.33	<BRL	<BRL	<BRL	<BRL	0.34	**2.1**	<BRL	**14**	<BRL	<BRL	0.11	<BRL	<BRL	<BRL	<BRL	<BRL	0.73	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			94.7	90.8	99.7	94.8	92.9	99.7	96.1	94.9	99.8	94	94	93.9	94.5	94.7	94.7	95.6	93.8	96.4	97.6	94.8	94	92.4	88.7	96	94.2	93.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245
				Lab Sample No.:	14I1244-13SITE	14I1244-14SITE	14I1244-15SITE	14I1244-16SITE	14I1244-17SITE	14I1244-18SITE	14I1244-19SITE	14I1244-20SITE	14I1245-01SITE	14I1245-02SITE	14I1245-03SITE	14I1245-04SITE	14I1245-05SITE	14I1245-06SITE	14I1245-07SITE	14I1245-08SITE	14I1245-09SITE	14I1245-10SITE	14I1245-11SITE	14I1245-12SITE	14I1245-13SITE	14I1245-14SITE	14I1245-15SITE	14I1245-16SITE	14I1245-17SITE	14I1245-18SITE
-					**SB-092614-79A**	**SB-092614-79B**	**SB-092614-79C**	**SB-092614-80A**	**SB-092614-80B**	**SB-092614-80C**	**SB-092614-81A**	**SB-092614-81B**	**SB-092614-81C**	**SB-092614-82A**	**SB-092614-82B**	**SB-092614-82C**	**SB-092614-83A**	**SB-092614-83B**	**SB-092614-83C**	**SB-092614-84A**	**SB-092614-84B**	**SB-092614-84C**	**SB-092614-85A**	**SB-092614-85B**	**SB-092614-85C**	**SB-092614-86A**	**SB-092614-86B**	**SB-092614-86C**	**SB-092614-87A**	**SB-092614-87B**
Sample Depth (ft.)					**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**0.5- 2.0**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**
Date Collected					**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1260	11096-82-5	mg/kg			0.15	<0.1	<0.11	0.2	<0.1	<0.12	<0.11	<0.1	<0.11	0.11	<0.11	<0.11	0.16	<0.1	<0.11	0.24	<0.1	<0.11	0.13	<0.1	<0.11	<0.1	<0.11	<0.11	0.12	<0.11
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCBs-Total		mg/kg	1	10	0.15	<BRL	<BRL	0.2	<BRL	<BRL	<BRL	<BRL	<BRL	0.11	<BRL	<BRL	0.16	<BRL	<BRL	0.24	<BRL	<BRL	0.13	<BRL	<BRL	<BRL	<BRL	<BRL	0.12	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			95.9	95	93.7	95.7	95.1	78.6	92.9	94	93.5	95	93.4	91.6	93.8	93.7	92.5	97.3	96.4	93.2	98.1	95.2	92.2	94.3	93.4	90.8	94.8	91.4

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1245	14I1245	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331
				Lab Sample No.:	14I1245-19SITE	14I1245-20SITE	14I1246-01SITE	14I1246-02SITE	14I1246-03SITE	14I1246-04SITE	14I1246-05SITE	14I1246-06SITE	14I1246-07SITE	14I1246-08SITE	14I1246-09SITE	14I1246-10SITE	14I1246-11SITE	14I1246-12SITE	14I1246-13SITE	14I1246-14SITE	14I1331-01SITE	14I1331-02SITE	14I1331-03SITE	14I1331-04SITE	14I1331-05SITE	14I1331-06SITE	14I1331-07SITE	14I1331-08SITE	14I1331-09SITE	14I1331-10SITE
					SB-092614-87C	**SB-092614-88A**	**SB-092614-88B**	**SB-092614-88C**	**SB-092614-89A**	**SB-092614-89B**	**SB-092614-89C**	**SB-092614-90A**	**SB-092614-90B**	**SB-092614-90C**	**SB-092614-91A**	**SB-092614-91B**	**SB-092614-91C**	**SB-092614-92A**	**SB-092614-92B**	**SB-092614-92C**	**SB-092914-93A**	**SB-092914-93B**	**SB-092914-93C**	**SB-092914-94A**	**SB-092914-94B**	**SB-092914-94C**	**SB-092914-95A**	**SB-092914-95B**	**SB-092914-95C**	**SB-092914-96A**
Sample Depth (ft.)					**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**
Date Collected					**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1221	11104-28-2	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1232	11141-16-5	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1242	53469-21-9	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1248	12672-29-6	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1254	11097-69-1	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1260	11096-82-5	mg/kg			<0.11	0.11	<0.11	<0.11	0.27	<0.1	<0.11	0.19	0.12	<0.11	0.4	<0.1	<0.11	0.19	<0.1	<0.12	0.11	<0.1	<0.13	0.13	<0.1	<0.12	0.25	<0.1	<0.11	0.25
PCB-1262	37324-23-5	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1268	11100-14-4	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCBs-Total		mg/kg	1	10	<BRL	0.11	<BRL	<BRL	0.27	<BRL	<BRL	0.19	0.12	<BRL	0.4	<BRL	<BRL	0.19	<BRL	<BRL	0.11	<BRL	<BRL	0.13	<BRL	<BRL	0.25	<BRL	<BRL	0.25
SOIL-Misc																														
Solids, Total	TotSolids	%			91.3	93.8	91.2	91.6	94.3	96.9	92.7	97.2	90	89.9	95.3	96.8	91.6	95.7	95.2	81	96.9	95.3	77	97.5	95.2	79.7	96.9	96.5	91.9	97.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332
				Lab Sample No.:	14I1331-11SITE	14I1331-12SITE	14I1331-13SITE	14I1331-14SITE	14I1331-15SITE	14I1331-16SITE	14I1331-17SITE	14I1331-18SITE	14I1331-19SITE	14I1331-20SITE	14I1332-01SITE	14I1332-02SITE	14I1332-03SITE	14I1332-04SITE	14I1332-05SITE	14I1332-06SITE	14I1332-07SITE	14I1332-08SITE	14I1332-09SITE	14I1332-10SITE	14I1332-11SITE	14I1332-12SITE	14I1332-13SITE	14I1332-14SITE	14I1332-15SITE	14I1332-16SITE
					SB-092914-96B	**SB-092914-96C**	**SB-092914-97A**	**SB-092914-97B**	**SB-092914-97C**	**SB-092914-98A**	**SB-092914-98B**	**SB-092914-98C**	**SB-092914-99A**	**SB-092914-99B**	**SB-092914-99C**	**SB-092914-100A**	**SB-092914-100B**	**SB-092914-100C**	**SB-092914-101A**	**SB-092914-101B**	**SB-092914-101C**	**SB-092914-102A**	**SB-092914-102B**	**SB-092914-102C**	**SB-092914-103A**	**SB-092914-103B**	**SB-092914-104A**	**SB-092914-104B**	**SB-092914-104C**	**SB-092914-105A**
Sample Depth (ft.)					**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**4.0- 5.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.5- 2.0**	**4.0- 5.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**
Date Collected					**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	4	<0.1	<0.11	0.21	<0.11	<0.11	0.11	NA	<0.11	<0.1	<0.1	<0.11	0.3	<0.11	<0.11	0.13	0.43	<0.11	<0.1	<0.11	0.17	0.21	<0.11	<0.1
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCBs-Total		mg/kg	1	10	<BRL	<BRL	**4**	<BRL	<BRL	0.21	<BRL	<BRL	0.11	NA	<BRL	<BRL	<BRL	<BRL	0.3	<BRL	<BRL	0.13	0.43	<BRL	<BRL	<BRL	0.17	0.21	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			98.3	91.6	97.9	93.8	91.2	96.6	94	92.5	99.8	93.7	94.4	96.9	96.8	93.1	97	94.1	88.7	96.8	96.4	92.1	97.5	91.6	96.3	95.3	92.6	96.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
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RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1332	14I1332	14I1332	14I1332	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14J0143	14J0143	14J0143	14J0143	14K0773
				Lab Sample No.:	14I1332-17SITE	14I1332-18SITE	14I1332-19SITE	14I1332-20SITE	14I1333-01SITE	14I1333-02SITE	14I1333-03SITE	14I1333-04SITE	14I1333-05SITE	14I1333-06SITE	14I1333-07SITE	14I1333-08SITE	14I1333-09SITE	14I1382-01SITE	14I1382-02SITE	14I1382-03SITE	14I1382-04SITE	14I1382-05SITE	14I1382-08SITE	14I1382-06SITE	14I1382-07SITE	14J0143-01SITE	14J0143-02SITE	14J0143-03SITE	14J0143-04SITE	14K0773-01SITE
					SB-092914-105B	**SB-092914-105C**	**SB-092914-106A**	**SB-092914-106B**	**SB-092914-106C**	**SB-092914-107A**	**SB-092914-107B**	**SB-092914-108A**	**SB-092914-108B**	**SB-092914-109A**	**SB-092914-109B**	**SB-092914-110A**	**SB-092914-110B**	**SB-093014-111A**	**SB-093014-111B**	**SB-093014-112A**	**SB-093014-112B**	**SB-093014-113A**	**SB-093014-113B**	**SB-093014-114A**	**SB-093014-114B**	**SB-100114-115A**	**SB-100114-115B**	**SB-100114-116A**	**SB-100114-116B**	**SB-111414-117A**
Sample Depth (ft.)					**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**	**4.0- 5.0**	**13.0- 15.0**	**0.5- 2.0**	**3.0- 4.0**	**0.5- 2.0**	**3.0- 5.0**	**0.0- 2.0**	**12.0- 14.0**	**0.5- 2.0**	**3.0- 5.0**	**1.0- 2.0**	**8.0- 10.0**	**1.0- 2.0**	**4.0- 5.0**	**0.5- 2.0**	**3.0- 5.0**	**3.0- 5.0**	**7.5- 9.5**	**3.0- 5.0**	**7.5- 9.5**	**0.0- 0.5**
Date Collected					**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**10/01/14**	**10/01/14**	**10/01/14**	**10/01/14**	**11/14/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	0.32	<0.1	<0.11	<0.11	<0.11	0.51	0.12	0.23	<0.11	<0.1	0.51	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	0.15	<0.11	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCBs-Total		mg/kg	1	10	<BRL	<BRL	0.32	<BRL	<BRL	<BRL	<BRL	0.51	0.12	0.23	<BRL	<BRL	0.51	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	0.15	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			95.3	91.8	96.2	96.3	92.4	86	88.2	93	89.4	97.3	90.1	94.9	88	97	94.8	95.9	69.6	94.5	88.6	93	83.2	93.1	88.2	89.4	85.5	92.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
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RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811
				Lab Sample No.:	14K0773-02SITE	14K0773-03SITE	14K0773-04SITE	14K0773-05SITE	14K0773-06SITE	14K0773-07SITE	14K0773-08SITE	14K0773-09SITE	14K0773-10SITE	14K0773-11SITE	14K0773-12SITE	14K0773-13SITE	14K0773-14SITE	14K0773-15SITE	14K0773-16SITE	14K0773-17SITE	14K0773-18SITE	14K0811-01SITE	14K0811-02SITE	14K0811-03SITE	14K0811-04SITE	14K0811-05SITE	14K0811-06SITE	14K0811-07SITE	14K0811-08SITE	14K0811-09SITE
					SB-111414-117B	**SB-111414-117C**	**SB-111414-118A**	**SB-111414-118B**	**SB-111414-118C**	**SB-111414-119A**	**SB-111414-119B**	**SB-111414-119C**	**SB-111414-120A**	**SB-111414-120B**	**SB-111414-120C**	**SB-111414-121A**	**SB-111414-121B**	**SB-111414-121C**	**SB-111414-122A**	**SB-111414-122B**	**SB-111414-122C**	**SB-111814-123A**	**SB-111814-123B**	**SB-111814-124A**	**SB-111814-124B**	**SB-111814-124C**	**SB-111814-125A**	**SB-111814-125B**	**SB-111814-126A**	**SB-111814-126B**
Sample Depth (ft.)					**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.5**	**3.0- 3.5**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**3.0- 5.0**	**7.0- 8.0**	**0.5- 2.0**	**3.0- 5.0**
Date Collected					**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																											
PCB-1016	12674-11-2	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1221	11104-28-2	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1232	11141-16-5	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1242	53469-21-9	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1248	12672-29-6	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1254	11097-69-1	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1260	11096-82-5	mg/kg			<0.11	<0.11	<0.11	<0.11	0.24	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.18	<0.13	<0.1	<0.1	0.26	0.31	<0.11	1.2	<0.11	<0.1	<0.44
PCB-1262	37324-23-5	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1268	11100-14-4	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	<BRL	0.24	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	0.18	<BRL	<BRL	<BRL	0.26	0.31	<BRL	**1.2**	<BRL	<BRL	<BRL
SOIL-Misc																															
Solids, Total	TotSolids	%			93.4	92.8	92.8	91.6	94.3	92.6	92.7	93.9	92.3	94	93.6	92.8	92.7	93.6	92.5	93.4	76.5	93.6	91.1	88.5	90.8	91.9	90.7	86.2	93.1	87.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890
				Lab Sample No.:	14K0811-10SITE	14K0811-11SITE	14K0811-12SITE	14K0811-13SITE	14K0811-14SITE	14K0811-15SITE	14K0811-17SITE	14K0811-18SITE	14K0811-19SITE	14K0811-20SITE	14K0890-01SITE	14K0890-02SITE	14K0890-03SITE	14K0890-04SITE	14K0890-05SITE	14K0890-06SITE	14K0890-07SITE	14K0890-08SITE	14K0890-09SITE	14K0890-10SITE	14K0890-11SITE	14K0890-12SITE	14K0890-13SITE	14K0890-14SITE	14K0890-15SITE	14K0890-16SITE
.					**SB-111814-127A**	**SB-111814-127B**	**SB-111814-128A**	**SB-111814-128B**	**SB-111814-129A**	**SB-111814-129B**	**SB-111814-130A**	**SB-111814-130B**	**SB-111814-131A**	**SB-111814-131B**	**SB-111914-132A**	**SB-111914-132B**	**SB-111914-132C**	**SB-111914-133A**	**SB-111914-133B**	**SB-111914-133C**	**SB-111914-134A**	**SB-111914-134B**	**SB-111914-134C**	**SB-111914-135A**	**SB-111914-135B**	**SB-111914-135C**	**SB-111914-136A**	**SB-111914-136B**	**SB-111914-136C**	**SB-111914-137A**
Sample Depth (ft.)					**0.5- 2.0**	**13.0- 15.0**	**0.5- 2.0**	**2.0- 4.0**	**0.5- 2.0**	**2.0- 4.0**	**0.0- 2.0**	**2.0- 4.0**	**0.5- 2.0**	**2.0- 4.0**	**Surface Asphalt**	**0.5- 1.5**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**
Date Collected					**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1221	11104-28-2	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1232	11141-16-5	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1242	53469-21-9	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1248	12672-29-6	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	0.21	<0.1	<0.17	5.7	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1254	11097-69-1	mg/kg			0.18	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1260	11096-82-5	mg/kg			<0.11	1.2	<0.11	<0.1	0.11	<0.11	1.6	<0.1	0.15	<0.1	0.17	0.17	<0.11	0.19	0.21	<0.11	0.92	0.3	<0.17	1.4	<0.1	<0.1	<0.1	<0.11	<0.1	0.13
PCB-1262	37324-23-5	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1268	11100-14-4	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCBs-Total		mg/kg	1	10	0.18	**1.2**	<BRL	<BRL	0.11	<BRL	**1.6**	<BRL	0.15	<BRL	0.17	0.17	<BRL	0.19	0.21	<BRL	**1.13**	0.3	<BRL	**7.1**	<BRL	<BRL	<BRL	<BRL	<BRL	0.13
SOIL-Misc																														
Solids, Total	TotSolids	%			90.7	36.8	91.2	95.1	92.3	88.5	90.4	91.9	94	92.3	99.8	97.6	91.5	99.6	97.9	94.3	97.5	97	57.6	99.6	97.8	97.6	99.8	94	97.6	99.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0890	14K0890	14K0890	14K0890	14K0892	14K0892	14K0892	14K0892	14K0892	14K0892	14K0892
				Lab Sample No.:	14K0890-17SITE	14K0890-18SITE	14K0890-19SITE	14K0890-20SITE	14K0892-01SITE	14K0892-02SITE	14K0892-03SITE	14K0892-04SITE	14K0892-05SITE	14K0892-06SITE	14K0892-07SITE
.					**SB-111914-137B**	**SB-111914-137C**	**SB-111914-138A**	**SB-111914-138B**	**SB-111914-138C**	**SB-111914-139A**	**SB-111914-139B**	**SB-111914-139C**	**SB-111914-140A**	**SB-111914-140B**	**SB-111914-140C**
Sample Depth (ft.)					**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 1.0**	**1.0- 1.5**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.0- 4.0**
Date Collected					**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**											
PCB-1016	12674-11-2	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc															
Solids, Total	TotSolids	%			77	90.8	96.6	98.3	96.4	97.9	98.2	90	99.8	92.2	89.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1b
Soil Analytical Results- VOCs and ETPH
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1331	14I1332	14I1332	14I1332	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1382	14I1382
					Lab Sample No.:	14I1331-20SITE	14I1332-01SITE	14I1332-11SITE	14I1332-12SITE	14I1333-02SITE	14I1333-03SITE	14I1333-04SITE	14I1333-05SITE	14I1333-06SITE	14I1333-07SITE	14I1333-08SITE	14I1333-09SITE	14I1382-01SITE	14I1382-02SITE
.						**SB-092914-99B**	**SB-092914-99C**	**SB-092914-103A**	**SB-092914-103B**	**SB-092914-107A**	**SB-092914-107B**	**SB-092914-108A**	**SB-092914-108B**	**SB-092914-109A**	**SB-092914-109B**	**SB-092914-110A**	**SB-092914-110B**	**SB-093014-111A**	**SB-093014-111B**
Sample Depth (ft.)						**1-2**	**4-5**	**0.5-2**	**4-5**	**4-5**	**13-15**	**0.5-2**	**3-4**	**0.5-2**	**3-5**	**0-2**	**12-14**	**0.5-2**	**3-5**
Date Collected						**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/30/2014**	**9/30/2014**
SOIL-8260C			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**														
1,1,1-Trichloroethane	71-55-6	µg/kg	500,000	1,000,000	40,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
1,2,4-Trimethylbenzene	95-63-6	µg/kg	500,000	1,000,000	2,400	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	9	800	600	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
1,2-Dibromoethane (EDB) (ethylene dibromide)	106-93-4	µg/kg	7	67	100	<0.79	<0.65	<0.66	<0.77	<0.52	<0.66	<0.64	<0.64	<0.52	<0.54	<0.59	<0.5	<0.58	<0.52
1,3,5-Trimethylbenzene	108-67-8	µg/kg	500,000	1,000,000	1,900	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Acrylonitrile	107-13-1	µg/kg	1,100	11,000	100	<4.8	<3.9	<4	<4.6	<3.1	<4	<3.9	<3.8	<3.1	<3.2	<3.6	<3	<3.5	<3.1
Bromodichloromethane	75-27-4	µg/kg	1,100	92,000	40	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Bromomethane	74-83-9	µg/kg	33,900	1,000,000	100	<7.9	<6.5	<6.6	<7.7	<5.2	<6.6	<6.4	<6.4	<5.2	<5.4	<5.9	<5	<5.8	<5.2
Carbon tetrachloride	56-23-5	µg/kg	4,700	44,000	1,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Isopropylbenzene	98-82-8	µg/kg	500,000	1,000,000	18,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
m/p-Xylenes	179601-23-1	µg/kg				<3.2	<2.6	4.7	<3.1	<2.1	4.9	<2.6	<2.6	<2.1	<2.1	<2.4	<2	<2.3	<2.1
Naphthalene	91-20-3	µg/kg	1,000,000	2,500,000	56,000	<3.2	<2.6	<2.6	<3.1	<2.1	<2.7	<2.6	<2.6	<2.1	<2.1	<2.4	<2	<2.3	<2.1
o-Xylene	95-47-6	µg/kg				<1.6	<1.3	1.9	<1.5	<1	2.9	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Tetrachloroethylene	127-18-4	µg/kg	12,000	110,000	1,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Xylene-Total		µg/kg	500,000	1,000,000	19,500	<BRL	<BRL	6.6	<BRL	<BRL	7.8	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**							14I1333/14I1333-04RE1SITE		14I1333/14I1333-06RE1SITE					
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	73	390	57	<11	250	42	**1600**	95	**880**	230	**880**	**590**	15	14
SOIL-CTETPH-SPLP			**.**	**.**	**2008 - 2013 CT DEEP RSR - 10X GWPC**														
CT ETPH	CT ETPH	mg/l			2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

mg/l = milligrams per liter
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
(ft.) = feet
GWPC = Groundwater Protection Criteria
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
SPLP = Synthetic Precipitation Leaching Procedure

I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations

Table 1b
Soil Analytical Results- VOCs and ETPH
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14J0143	14J0143	14J0143	14J0143	14K0811	14K0811	14K0811	14K0811
					Lab Sample No.:	14I1382-03SITE	1382-04-MethanolS	14I1382-05SITE	14I1382-08SITE	14I1382-06SITE	14I1382-07SITE	14J0143-01SITE	14J0143-02SITE	14J0143-03SITE	14J0143-04SITE	14K0811-01SITE	14K0811-02SITE	14K0811-06SITE	14K0811-07SITE
						SB-093014-112A	**SB-093014-112B**	**SB-093014-113A**	**SB-093014-113B**	**SB-093014-114A**	**SB-093014-114B**	**SB-100114-115A**	**SB-100114-115B**	**SB-100114-116A**	**SB-100114-116B**	**SB-111814-123A**	**SB-111814-123B**	**SB-111814-125A**	**SB-111814-125B**
Sample Depth (ft.)						**1-2**	**8-10**	**1-2**	**4-5**	**0.5-2**	**3-5**	**3-5**	**7.5-9.5**	**3-5**	**7.5-9.5**	**1-2**	**3-4**	**3-5**	**7-8**
Date Collected						**9/30/2014**	**9/30/2014**	**9/30/2014**	**9/30/2014**	**9/30/2014**	**9/30/2014**	**10/1/2014**	**10/1/2014**	**10/1/2014**	**10/1/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**
SOIL-8260C			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**														
1,1,1-Trichloroethane	71-55-6	µg/kg	500,000	1,000,000	40,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
1,2,4-Trimethylbenzene	95-63-6	µg/kg	500,000	1,000,000	2,400	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	9	800	600	<1.5	(<550)	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
1,2-Dibromoethane (EDB) (ethylene dibromide)	106-93-4	µg/kg	7	67	100	<0.73	(<55)	<0.72	<0.79	<0.55	<0.56	<1.7	<1.7	<1.2	<1.3	<0.53	<0.59	<0.71	<0.69
1,3,5-Trimethylbenzene	108-67-8	µg/kg	500,000	1,000,000	1,900	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Acrylonitrile	107-13-1	µg/kg	1,100	11,000	100	<4.4	(<550)	<4.3	<4.7	<3.3	<3.4	<9.9	<10	<7.3	<7.9	<3.2	<3.5	<4.3	<4.2
Bromodichloromethane	75-27-4	µg/kg	1,100	92,000	40	<1.5	(<110)	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Bromomethane	74-83-9	µg/kg	33,900	1,000,000	100	<7.3	(<220)	<7.2	<7.9	<5.5	<5.6	<17	<17	<12	<13	<5.3	<5.9	<7.1	<6.9
Carbon tetrachloride	56-23-5	µg/kg	4,700	44,000	1,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	4.9	<2.6	<1.1	<1.2	<1.4	<1.4
Isopropylbenzene	98-82-8	µg/kg	500,000	1,000,000	18,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
m/p-Xylenes	179601-23-1	µg/kg				<2.9	<220	<2.9	<3.2	<2.2	<2.2	<6.6	<6.8	<4.9	<5.2	<2.1	<2.4	<2.9	<2.8
Naphthalene	91-20-3	µg/kg	1,000,000	2,500,000	56,000	<2.9	<220	<2.9	<3.2	<2.2	<2.2	<6.6	<6.8	<4.9	<5.2	<2.1	<2.4	<2.9	<2.8
o-Xylene	95-47-6	µg/kg				<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Tetrachloroethylene	127-18-4	µg/kg	12,000	110,000	1,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Xylene-Total		µg/kg	500,000	1,000,000	19,500	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**		14I1382/14I1382-04SITE												
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	26	**840**	23	420	93	43	27	**820**	140	440	190	140	**820**	440
SOIL-CTETPH-SPLP			**.**	**.**	**2008 - 2013 CT DEEP RSR - 10X GWPC**														
CT ETPH	CT ETPH	mg/l			2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14	<0.075	0.38	0.13

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

mg/l = milligrams per liter
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
(ft.) = feet
GWPC = Groundwater Protection Criteria
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
SPLP = Synthetic Precipitation Leaching Procedure

I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations

Table 1b
Soil Analytical Results- VOCs and ETPH
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811
					Lab Sample No.:	14K0811-08SITE	14K0811-09SITE	14K0811-10SITE	14K0811-11SITE	14K0811-12SITE	14K0811-13SITE	14K0811-14SITE	14K0811-15SITE	14K0811-17SITE	14K0811-18SITE	14K0811-19SITE	14K0811-20SITE
.						**SB-111814-126A**	**SB-111814-126B**	**SB-111814-127A**	**SB-111814-127B**	**SB-111814-128A**	**SB-111814-128B**	**SB-111814-129A**	**SB-111814-129B**	**SB-111814-130A**	**SB-111814-130B**	**SB-111814-131A**	**SB-111814-131B**
Sample Depth (ft.)						**0.5-2**	**3-5**	**0.5-2**	**13-15**	**0.5-2**	**2-4**	**0.5-2**	**2-4**	**0-2**	**2-4**	**0.5-2**	**2-4**
Date Collected						**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**
SOIL-8260C			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**												
1,1,1-Trichloroethane	71-55-6	µg/kg	500,000	1,000,000	40,000	<1.5	2.5	<1.3	<6.3	<1.4	3.3	<1.5	<1.5	<1.2	3.1	<1.1	<1.4
1,2,4-Trimethylbenzene	95-63-6	µg/kg	500,000	1,000,000	2,400	<1.5	<1.4	<1.3	11	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	9	800	600	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
1,2-Dibromoethane (EDB) (ethylene dibromide)	106-93-4	µg/kg	7	67	100	<0.74	<0.7	<0.65	<3.2	<0.69	<0.89	<0.75	<0.76	<0.58	<0.69	<0.57	<0.69
1,3,5-Trimethylbenzene	108-67-8	µg/kg	500,000	1,000,000	1,900	<1.5	<1.4	<1.3	19	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Acrylonitrile	107-13-1	µg/kg	1,100	11,000	100	<4.5	<4.2	<3.9	<19	<4.2	<5.3	<4.5	<4.5	<3.5	<4.1	<3.4	<4.2
Bromodichloromethane	75-27-4	µg/kg	1,100	92,000	40	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Bromomethane	74-83-9	µg/kg	33,900	1,000,000	100	<7.4	<7	<6.5	<32	<6.9	<8.9	<7.5	<7.6	<5.8	<6.9	<5.7	<6.9
Carbon tetrachloride	56-23-5	µg/kg	4,700	44,000	1,000	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Isopropylbenzene	98-82-8	µg/kg	500,000	1,000,000	18,000	<1.5	<1.4	<1.3	10	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
m/p-Xylenes	179601-23-1	µg/kg				<3	<2.8	<2.6	<13	<2.8	<3.6	<3	<3	<2.3	<2.7	<2.3	<2.8
Naphthalene	91-20-3	µg/kg	1,000,000	2,500,000	56,000	<3	<2.8	<2.6	77	<2.8	<3.6	<3	<3	<2.3	<2.7	<2.3	<2.8
o-Xylene	95-47-6	µg/kg				<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Tetrachloroethylene	127-18-4	µg/kg	12,000	110,000	1,000	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	2.6	2.3	3.3	<1.1	<1.4
Xylene-Total		µg/kg	500,000	1,000,000	19,500	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**												
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	170	110	160	**10000**	220	240	320	230	**2800**	**2800**	120	**2000**
SOIL-CTETPH-SPLP			**.**	**.**	**2008 - 2013 CT DEEP RSR - 10X GWPC**												
CT ETPH	CT ETPH	mg/l			2.5	0.11	<0.075	0.44	1.2	0.1	<0.075	0.089	<0.075	0.4	0.21	<0.075	0.17

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Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

mg/l = milligrams per liter
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
(ft.) = feet
GWPC = Groundwater Protection Criteria
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
SPLP = Synthetic Precipitation Leaching Procedure

I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations

Table 2
Soil Analytical Results- Station B Building
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774
				Lab Sample No.:	14K0774-01SITE	14K0774-02SITE	14K0774-03SITE	14K0774-04SITE	14K0774-05SITE	14K0774-06SITE	14K0774-07SITE	14K0774-08SITE	14K0774-09SITE	14K0774-10SITE
.					**BS-111714-1**	**BS-111714-2**	**BS-111714-3**	**BS-111714-4**	**BS-111714-5**	**BS-111714-6**	**BS-111714-7**	**BS-111714-8**	**BS-111714-9**	**BS-111714-10**
Sample Depth (ft.)					**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Date Collected					**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.11	0.17	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			0.12	0.26	<0.11	0.13	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCBs-Total		mg/kg	1	10	0.12	0.43	<BRL	0.13	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc														
Solids, Total	TotSolids	%			92.8	88.9	91.4	91.7	90.8	91.9	89.3	91.3	91.1	84.9

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Legend

<1 Parameter not detected above the laboratory reporting limit

Notes:

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 3
Groundwater Analytical Results
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1388	14I1339	14I1388	14I1339	14I1388	14I1339	14I1339	14I1339	14I1339	14I1339	14I1339	14I1388	14I1388
.					**Lab Sample No.:**	14I1388-10SITE	14I1339-11SITE	14I1388-08SITE	14I1339-09SITE	14I1388-07SITE	14I1339-07SITE	14I1339-01SITE	14I1339-08SITE	14I1339-03SITE	14I1339-02SITE	14I1339-06SITE	14I1388-09SITE	14I1388-11SITE
.						**MW-4S**	**MW-5**	**MW-7**	**MW-9A**	**MW-12**	**MW-16**	**MW-17d**	**MW-18**	**MW-19**	**MW-21**	**MW-21 DUP**	**MW-22**	**MW-A**
Date Collected						**09/30/14**	**09/29/14**	**09/30/14**	**09/29/14**	**09/30/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/30/14**	**09/30/14**
WATER-8260C			**2008 - 2013 CT DEEP RSR - Res GWVC**	**2008 - 2013 CT DEEP RSR - I/C GWVC**	**2008 - 2013 CT DEEP RSR - SWPC**													
1,1-Dichloroethane	75-34-3	µg/l	34,600	50,000	4,100	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	0.61	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	106-46-7	µg/l	50,000	50,000	26,000	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acrylonitrile	107-13-1	µg/l	2.4	93.6	20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromomethane	74-83-9	µg/l	32	389	0.5	(<2)	(<1)	(<2)	(<1)	(<2)	(<1)	(<1)	(<1)	(<1)	(<1)	(<1)	(<2)	(<2)
Chlorobenzene	108-90-7	µg/l	1,800	6,150	420,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethylene	156-59-2	µg/l	928	11,472	6,200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyltertbutyl ether	1634-04-4	µg/l	50,000	50,000	10,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl chloride	75-01-4	µg/l	2	2	15,750	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
WATER-680			**.**	**.**	**2008 - 2013 CT DEEP RSR - SWPC**													
Heptachlorobiphenyls	28655-71-2	µg/l				<0.003	<0.003	<0.003	<0.003	<0.003	0.032	0.0076	<0.003	<0.003	0.021	0.0047	<0.003	<0.003
Hexachlorobiphenyls	26601-64-9	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	0.038	0.011	<0.002	<0.002	0.034	0.011	<0.002	<0.002
Pentachlorobiphenyls	25429-29-2	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	0.0049	<0.002	<0.002	<0.002	0.0059	<0.002	<0.002	<0.002
PCBs total	1336-36-3	µg/l			0.5	0.0	0.0	0.0	0.0	0.0	0.075	0.019	0.0	0.0	0.061	0.015	0.0	0.0

DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

µg/l = micrograms per liter
(ft.) = feet
SWPC = Surface Water Protection Criteria
I/C GWVC = Industrial/Commercial Volatilization Criteria for Groundwater
Res GWVC = Residential Volatilization Criteria for Groundwater
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
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Table 3
Groundwater Analytical Results
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1388	14I1388	14I1388	14I1339	14I1339	14I1339	14I1388	14I1388	14I1339
.					Lab Sample No.:	14I1388-03SITE	14I1388-05SITE	14I1388-06SITE	14I1339-05SITE	14I1339-12SITE	14I1339-10SITE	14I1388-04SITE	14I1388-02SITE	14I1339-04SITE
.						**MW-BD**	**MW-BS**	**MW-C**	**MW-D**	**MW-E**	**MW-H**	**MW-J**	**MW-K**	**MW-P**
Date Collected						**09/30/14**	**09/30/14**	**09/30/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/30/14**	**09/30/14**	**09/29/14**
WATER-8260C			**2008 - 2013 CT DEEP RSR - Res GWVC**	**2008 - 2013 CT DEEP RSR - I/C GWVC**	**2008 - 2013 CT DEEP RSR - SWPC**									
1,1-Dichloroethane	75-34-3	µg/l	34,600	50,000	4,100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
1,4-Dichlorobenzene	106-46-7	µg/l	50,000	50,000	26,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Acrylonitrile	107-13-1	µg/l	2.4	93.6	20	<2	<2	<2	<2	<2	<2	(<4)	<2	<2
Bromomethane	74-83-9	µg/l	32	389	0.5	(<2)	(<2)	(<2)	(<1)	(<1)	(<1)	(<4)	(<2)	(<1)
Chlorobenzene	108-90-7	µg/l	1,800	6,150	420,000	0.92	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
cis-1,2-Dichloroethylene	156-59-2	µg/l	928	11,472	6,200	5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Methyltertbutyl ether	1634-04-4	µg/l	50,000	50,000	10,000	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Vinyl chloride	75-01-4	µg/l	2	2	15,750	1.4	<1	<1	<1	<1	<1	<2	<1	<1
WATER-680			**.**	**.**	**2008 - 2013 CT DEEP RSR - SWPC**									
Heptachlorobiphenyls	28655-71-2	µg/l				<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Hexachlorobiphenyls	26601-64-9	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Pentachlorobiphenyls	25429-29-2	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
PCBs total	1336-36-3	µg/l			0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

µg/l = micrograms per liter
(ft.) = feet
SWPC = Surface Water Protection Criteria
I/C GWVC = Industrial/Commercial Volatilization Criteria for Groundwater
Res GWVC = Residential Volatilization Criteria for Groundwater
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 4
Sediment Analytical Results- Catch Basin (CB-4)
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I0638
.					**Lab Sample No.:**	14I0638-01SITE
.						**CB-091514-1**
Date Collected						**9/15/2014**
SOIL-8260B			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**	ND
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**	
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	**160000**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**		
PCB-1016	12674-11-2	mg/kg				<0.12
PCB-1221	11104-28-2	mg/kg				<0.12
PCB-1232	11141-16-5	mg/kg				<0.12
PCB-1242	53469-21-9	mg/kg				<0.12
PCB-1248	12672-29-6	mg/kg				<0.12
PCB-1254	11097-69-1	mg/kg				0.35
PCB-1260	11096-82-5	mg/kg				<0.12
PCB-1262	37324-23-5	mg/kg				<0.12
PCB-1268	11100-14-4	mg/kg				<0.12
PCBs-Total		mg/kg	1	10		0.35
SOIL-Misc						
Solids, Total	TotSolids	%				80.4

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Legend

1	Parameter reported at a concentration greater than RSR regulatory standard/criterion

Notes:

mg/kg = milligrams per kilogram
(ft.) = feet
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 5
Sediment Analytical Results- Cooling Water Discharge Tunnel
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0893
.				**Lab Sample No.:**	14K0893-01SITE
.					**DT-111914-1**
Date Collected					**11/19/14**
SLUDGE-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	
PCB-1016	12674-11-2	mg/kg			<0.23
PCB-1221	11104-28-2	mg/kg			<0.23
PCB-1232	11141-16-5	mg/kg			<0.23
PCB-1242	53469-21-9	mg/kg			<0.23
PCB-1262	37324-23-5	mg/kg			<0.23
PCB-1268	11100-14-4	mg/kg			<0.23
PCB-1248	12672-29-6	mg/kg			0.67
PCB-1254	11097-69-1	mg/kg			0.78
PCB-1260	11096-82-5	mg/kg			0.33
PCBs-Total		mg/kg	1	10	**1.78**
SLUDGE-Misc					
Solids, Total	TotSolids	%			41.8

Legend

1	Parameter reported at a concentration greater than RSR regulatory standard/criterion

Notes:

mg/kg = milligrams per kilogram
(ft.) = feet
SWPC = Surface Water Protection Criteria
I/C GWVC = Industrial/Commercial Volatilization Criteria for Groundwater
Res GWVC = Residential Volatilization Criteria for Groundwater
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

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Table 6
Laboratory Analytical Results-
PCB Wipe Samples
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

Lab Report No.:			14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14K0952	14K0952
Lab Sample No.:			14J0264-01SITE	14J0264-02SITE	14J0264-03SITE	14J0264-04SITE	14J0264-05SITE	14J0264-06SITE	14J0264-07SITE	14J0264-08SITE	14J0264-09SITE	14J0264-10SITE	14J0264-11SITE	14J0264-12SITE	14J0264-13SITE	14J0264-14SITE	14J0264-15SITE	14J0264-16SITE	14K0952-01 1SITE	14K0952-02 1SITE
.			**WS-100614-01**	**WS-100614-02**	**WS-100614-03**	**WS-100614-04**	**WS-100614-05**	**WS-100614-06**	**WS-100614-07**	**WS-100614-08**	**WS-100614-09**	**WS-100614-10**	**WS-100614-11**	**WS-100614-12**	**WS-100614-13**	**WS-100614-14**	**WS-100614-15**	**WS-100614-16**	**WS-112014-17**	**WS-112014-18**
Date Collected			**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**11/20/14**	**11/20/14**
WIPE-PCBs-8082																				
PCB-1016	12674-11-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1221	11104-28-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1232	11141-16-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1242	53469-21-9	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1248	12672-29-6	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1254	11097-69-1	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1260	11096-82-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1262	37324-23-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1268	11100-14-4	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCBs-Total		ug	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL

DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

(ft.) = feet
PCBs = Polychlorinated Biphenyls

Table 6
Laboratory Analytical Results-
PCB Wipe Samples
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

Lab Report No.:			14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952
Lab Sample No.:			14K0952-03 1SITE	14K0952-04 1SITE	14K0952-05 1SITE	14K0952-06 1SITE	14K0952-07 1SITE	14K0952-08 1SITE	14K0952-09 1SITE	14K0952-10 1SITE	14K0952-11 1SITE	14K0952-12 1SITE	14K0952-13 1SITE	14K0952-14 1SITE	14K0952-15 1SITE	14K0952-16 1SITE	14K0952-17 1SITE	14K0952-18 1SITE	14K0952-19 1SITE	14K0952-20 1SITE
.			**WS-112014-19**	**WS-112014-20**	**WS-112014-21**	**WS-112014-22**	**WS-112014-23**	**WS-112014-24**	**WS-112014-25**	**WS-112014-26**	**WS-112014-27**	**WS-112014-28**	**WS-112014-29**	**WS-112014-30**	**WS-112014-31**	**WS-112014-32**	**WS-112014-33**	**WS-112014-34**	**WS-112014-35**	**WS-112014-36**
Date Collected			**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**
WIPE-PCBs-8082																				
PCB-1016	12674-11-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1221	11104-28-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1232	11141-16-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1242	53469-21-9	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1248	12672-29-6	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1254	11097-69-1	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1260	11096-82-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1262	37324-23-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1268	11100-14-4	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCBs-Total		ug	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL

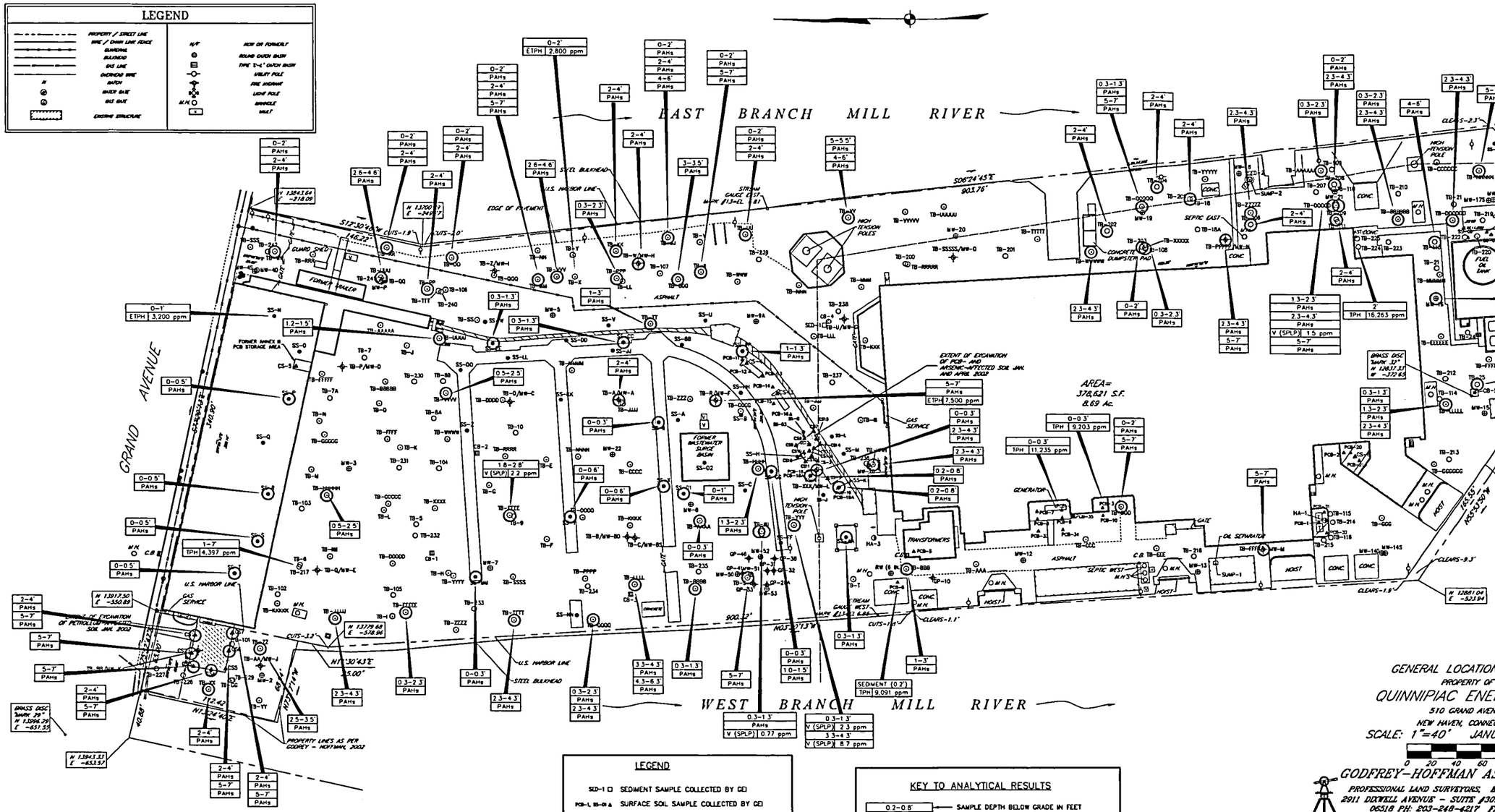
DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

(ft.) = feet
PCBs = Polychlorinated Biphenyls



NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THRU 20-300B-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.,
   A) THE HORIZONTAL ACCURACY CONFORMS TO CLASS "A-2"; THE TOPOGRAPHIC ACCURACY CONFORMS TO CLASS "T-2" AND THE VERTICAL ACCURACY CONFORMS TO CLASS "V-2".
   B) THE BOUNDARY DETERMINATION CATEGORY IS A "RESURVEY".
   C) THE TYPE OF SURVEY IS A "GENERAL LOCATION SURVEY".
2. ALL MONUMENTATION FOUND OR SET ARE DEPICTED ON THIS MAP.
3. THE NORTH ARROW, BEARINGS AND THE COORDINATES REFER TO REFERENCE MAP A.
4. REFERENCE MAPS:
   A. U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
      BY: THE U.S. ARMY CORPS OF ENGINEERS
      DATED 1957
   B. LIMITED ILLUMINATING CO.
      BY: CHARLES A. GAHN
      DATED MARCH 1951
   C. ENGLISH STATION
      BY: GORDON BLIDES
      REVISED JUNE 1, 2000
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).

LEGEND

SED-1 □	SEDIMENT SAMPLE COLLECTED BY GEI
PCB-1, SS-01 ▲	SURFACE SOIL SAMPLE COLLECTED BY GEI
HA-1 ⊙	HAND AUGER SOIL SAMPLE COLLECTED BY GEI
CS-1 ▲	CONCRETE CHIP SAMPLE COLLECTED BY GEI
SS-A ●	SURFACE SOIL SAMPLE COLLECTED BY AEI
CS1 ▲	CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
TB-A ○	TEST BORING INSTALLED BY AEI
TB-1 ○	TEST BORING INSTALLED BY GEI
TB-W/MW-H ✚	GROUND WATER MONITORING WELL INSTALLED BY AEI
MW-1 ⊕	GROUND WATER MONITORING WELL INSTALLED BY OTHERS
GP-4 ✚	GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	CONSTITUENT/CONCENTRATION IN ppm
ppm	PARTS PER MILLION
SPLP	SYNTHETIC PRECIPITATION LEACHATE PROCEDURE
ETPH/TPH	EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
PAHs ○	POLYAROMATIC HYDROCARBONS
V ○	VANADIUM

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) GB POLLUTANT MOBILITY CRITERIA (PMC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE PMC OF THE ASSOCIATED ANALYTE.
3. BASED ON EIGHT ROUNDS OF GROUND WATER GAUGING PERFORMED AT THE SITE FROM NOVEMBER 1991 TO AUGUST 1992, THE SEASONAL HIGH WATER TABLE IS APPROXIMATELY 2-8 FEET BELOW GRADE.

GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

0 20 40 60 80 100

GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
2911 DIXWELL AVENUE - SUITE #301 HAMDEN, CONNECTICUT
06518 PH: 203-248-4217 FAX: 203-248-4381
www.godfreyhoffman.com
PROJECT: 01-182 SHEET 1 OF 1

PLATE 3-1	SOIL SAMPLE ANALYTICAL SUMMARY: EXCEEDANCES OF GB POLLUTANT MOBILITY CRITERIA
DATE 1/16/03	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-030	DRAWING No. 00T-03D
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THRU 20-300B-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.:
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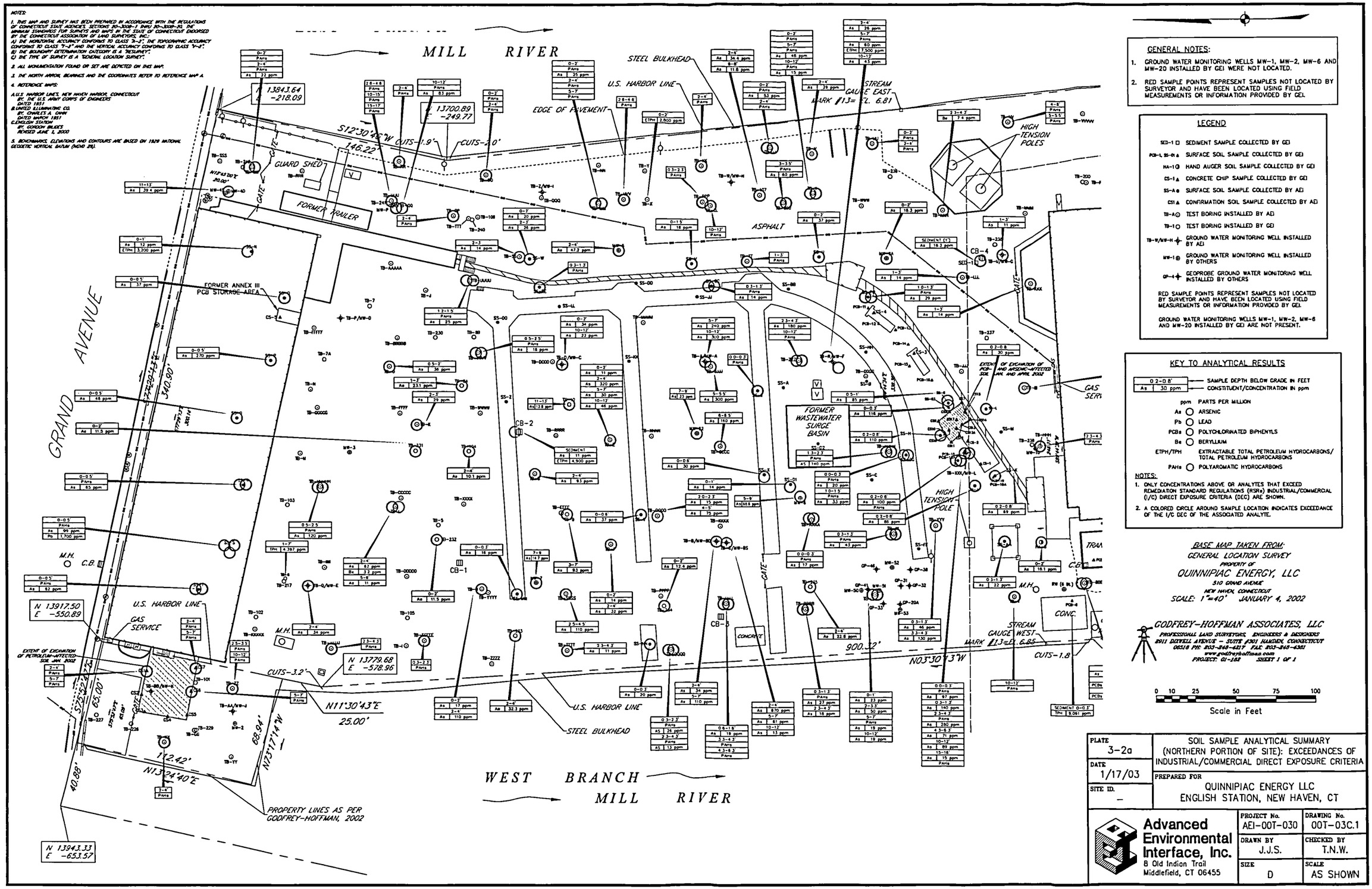
4. REFERENCE MAPS:
   A. U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
      BY: THE U.S. ARMY CORPS OF ENGINEERS
      DATED 1851
   B. UNITED ILLUMINATING CO.
      BY: CHARLES A. GAHN
      DATED MARCH 1851
   C. ENGLISH STATION
      BY: GORDON BILKES
      REVISED JUNE 1, 2000
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).



GENERAL NOTES:

1. GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI WERE NOT LOCATED.
2. RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

LEGEND

SED-1 □	SEDIMENT SAMPLE COLLECTED BY GEI
PCB-L SS-01 ▲	SURFACE SOIL SAMPLE COLLECTED BY GEI
HA-1 ⊙	HAND AUGER SOIL SAMPLE COLLECTED BY GEI
CS-1 ▲	CONCRETE CHIP SAMPLE COLLECTED BY GEI
SS-A ●	SURFACE SOIL SAMPLE COLLECTED BY AEI
CS1 ▲	CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
TB-A ⊙	TEST BORING INSTALLED BY AEI
TB-1 ○	TEST BORING INSTALLED BY GEI
TB-W/MW-H ✚	GROUND WATER MONITORING WELL INSTALLED BY AEI
MW-1 ⊕	GROUND WATER MONITORING WELL INSTALLED BY OTHERS
GP-4 ✚	GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	CONSTITUENT/CONCENTRATION IN ppm

ppm	PARTS PER MILLION
As ○	ARSENIC
Pb ○	LEAD
PCBs ○	POLYCHLORINATED BIPHENYLS
Be ○	BERYLLIUM
ETPH/TPH	EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
PAHs ○	POLYAROMATIC HYDROCARBONS

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) INDUSTRIAL/COMMERCIAL (I/C) DIRECT EXPOSURE CRITERIA (DEC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE I/C DEC OF THE ASSOCIATED ANALYTE.

BASE MAP TAKEN FROM:
GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

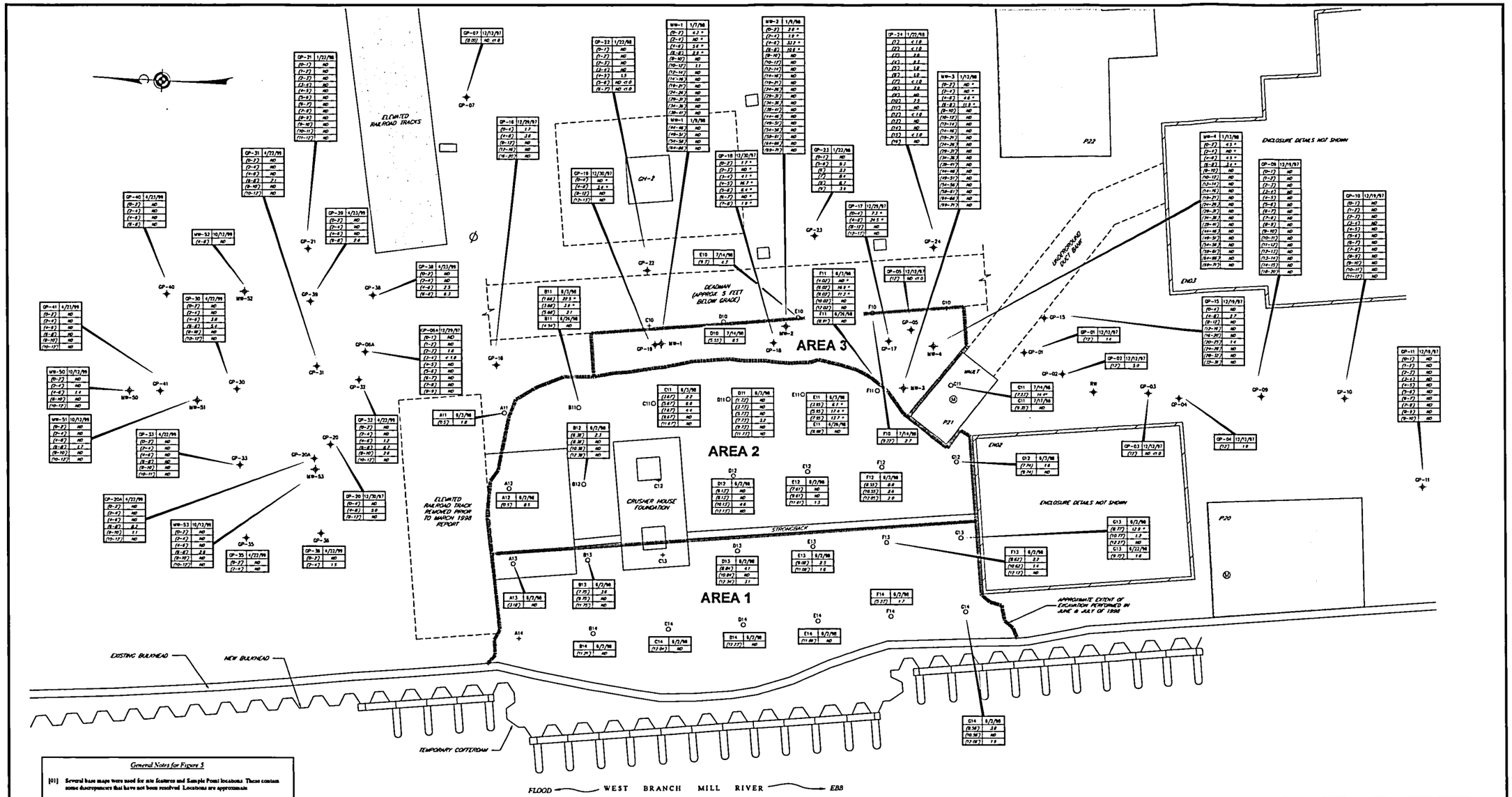
GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
8911 DUTTELL AVENUE - SUITE #301 HAMDEN, CONNECTICUT 06518 PH: 203-248-4217 FAX: 203-248-4381
www.godfreyhoffman.com
PROJECT: 01-188 SHEET 1 OF 1

0 10 25 50 75 100
Scale in Feet

PLATE 3-2a	SOIL SAMPLE ANALYTICAL SUMMARY (NORTHERN PORTION OF SITE): EXCEEDANCES OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA
DATE 1/17/03	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-030	DRAWING No. 00T-03C.1
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN



DRAFT

SCALE: 1 INCH = 5 FEET

0 2 5 10
SCALE IN FEET

General Notes for Figure 5

[01] Several base maps were used for site features and Sample Point locations. These contain some discrepancies that have not been resolved. Locations are approximate.

[02] Structural details have not been shown within enclosures *EN02* and *EN03*.

[03] Enclosures *EN02* and *EN03* are enclosed by four concrete walls. Enclosure is not synonymous with containment.

[04] Callout boxes give the following data: Sample Point identification, date sample was collected, sample depth in feet below original grade (shown in parentheses), and results in milligrams per kilogram.

[05] Reportedly, ND equals "not detected, less than the minimum detection limit (MDL) of 1.0 milligrams per kilogram".

[06] Four concrete chip samples were taken on 25 June 1998. All were reported as ND. The sampling locations are not known. Locations are also not known for several soil sample points.

[07] Thirty-one soil samples reported collected from the excavation area were also tested for leachable PCBs using the synthetic precipitation leachate procedure (SPLP). SPLP PCBs were not detected in those samples.

[08] Additional recent sample results for this Area are shown on Figures 4N, 4S, 6, A3.3a, and A3.3b. The excavations for PCB Remediation Areas 1, 2, and 3 have been backfilled. Monitoring wells and Geoprobe ® wells shown within Remediation Area 3 no longer exist. Construction of the new bulkhead has been completed.

[09] Data sources for Figure 5 include documents from:
The United Illuminating Company;
Ocean and Coastal Consultants, Inc.;
GEI Consultants, Inc.;
Envirosheld, Inc.;
Connecticut Testing Laboratories, Inc.; and
Complete Environmental Testing, Inc.

[10] This Figure is not intended for construction purposes.

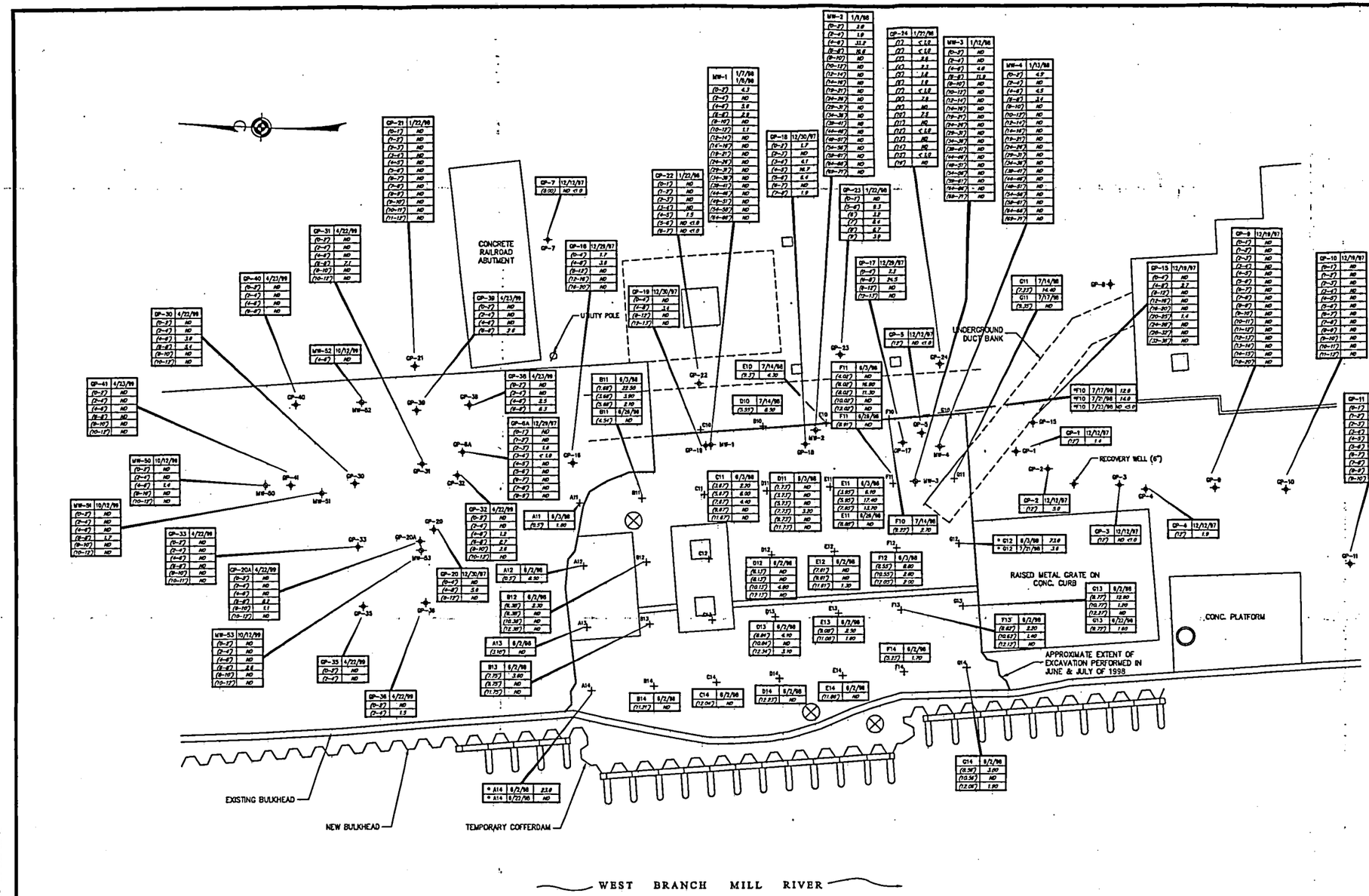
LEGEND

C12 +	GRID LOCATION – NO SOIL DATA REPORTED
C11 O	SOIL SAMPLE TAKEN BY OTHERS
MW-51	SOIL SAMPLE FROM GROUNDWATER MONITORING WELL
GP-02	SOIL SAMPLE FROM GEOPROBE MONITORING WELL
11.5 *	SOIL AT THIS DEPTH WAS EXCAVATED AND DISPOSED OF OFFSITE
(9-17)	DEPTH OF SOIL SAMPLE TAKEN IN FEET BELOW ORIGINAL GRADE
	CONCRETE WALL
	APPROXIMATE EXTENT OF EXCAVATION
	CONCRETE PAD
	CONCRETE PAD (ELEVATED)
Ø	UTILITY POLE

FIGURE 5	SUMMARY OF UNITED ILLUMINATING'S SOIL AND CONCRETE PCB RESULTS FOR BULKHEAD REMEDIATION AREA
DATE 3/1/10	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, 510 GRAND AVENUE NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-030e	DRAWING No. 00T-04F
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN



LEGEND

+ CONFIRMATORY SOIL SAMPLE
MW-1 FORMER GROUNDWATER MONITORING WELL
GP-4 FORMER GEOPROBE MONITORING WELL
⊗ FORMER 30" DEWATERING WELL
* G12 BULKHEAD DEADMAN WIPE SAMPLE

NOTES:

1. REPORTEDLY, ND EQUALS "NOT DETECTED, LESS THAN THE MINIMUM DETECTION LIMIT (MDL) OF 1.0 MILLIGRAMS PER KILOGRAM (mg/kg)."
2. UNITS ARE mg/kg.
3. SAMPLE DEPTH IN FEET BELOW GRADE IS SHOWN IN PARENTHESES.
4. MONITORING WELL AND GEOPROBE LOCATIONS ARE APPROXIMATE.
5. DATES SHOWN ARE FOR SAMPLE COLLECTION.
6. PCB RESULTS ARE AS REPORTED BY UI.
7. TWENTY-EIGHT SOIL SAMPLES COLLECTED FROM ABOVE OR AT/NEAR THE GROUND WATER TABLE IN THE VICINITY OF THE EXCAVATION ALSO WERE TESTED FOR LEACHABLE PCBs USING THE SYNTHETIC PRECIPITATION LEACHATE PROCEDURE (SPLP). SPLP PCBs WERE NOT DETECTED IN THOSE SAMPLES TESTED.

SOURCE:

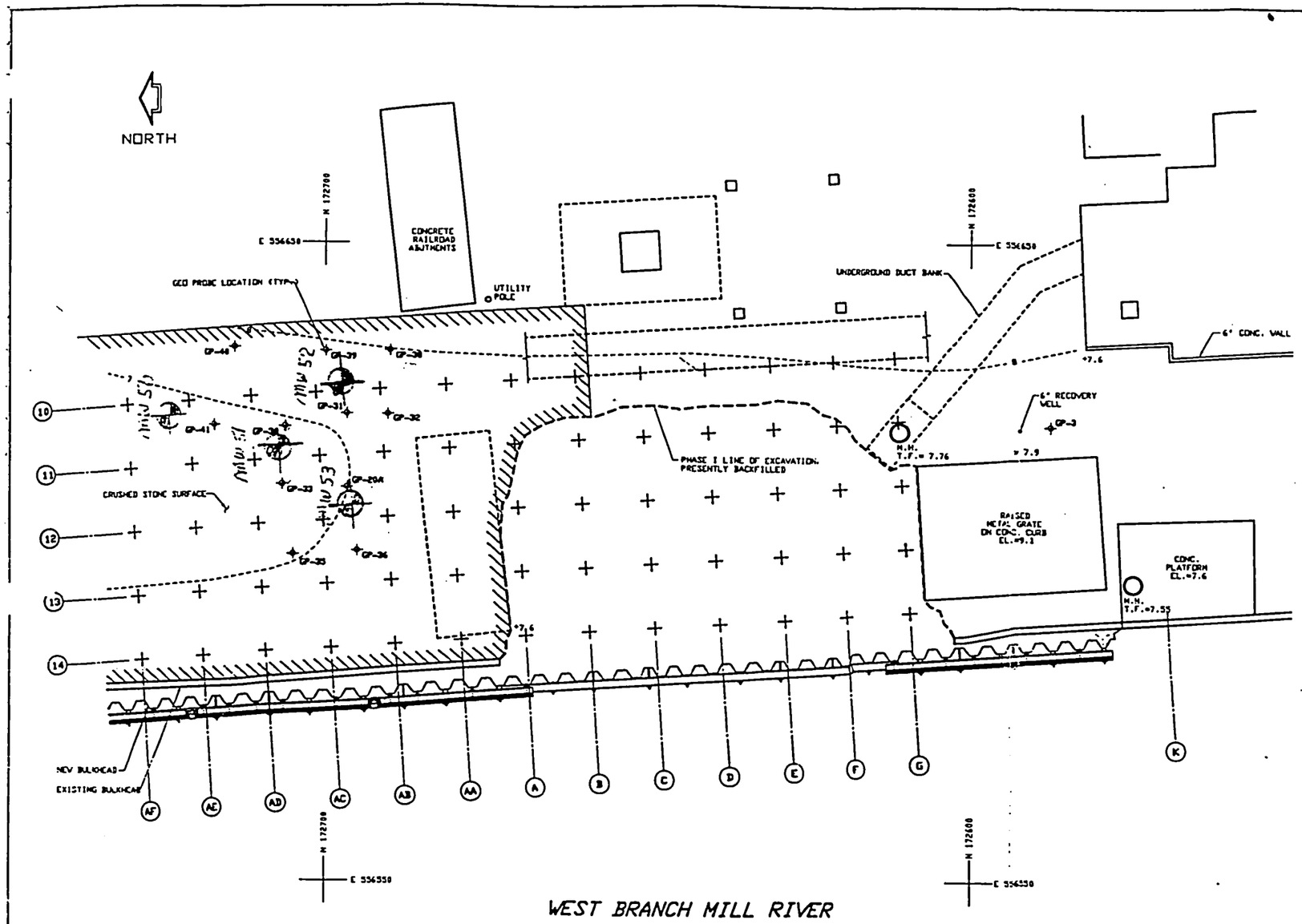
OCEAN AND COASTAL CONSULTANTS, INC., MAY 8, 1998. REMEDIATION AND SAMPLING PLAN. DRAWING No. 97062RS1-1.

FIGURE: AOC-5.1	SUMMARY OF SOIL SAMPLE PCB RESULTS FOR REMEDIATION AREA (AOC-5)
DATE: 7/1/02	PREPARED FOR: QUINNIPIAC ENERGY, LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID: –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-30	DRAWING No. 00T-03B
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

\\Cs10\A-SERVE\Clients\AEI\Q-Energy\00T-03B.dwg Wed Jul 03 10:45:20 2002 The CADD Source



PCB MONITORING SOIL SAMPLE LEVELS

SAMPLE IDENT.	SAMPLE DEPTH	TEST RESULT mg/kg	SAMPLE DATE	ANALYSIS DATE	GRID LOCATION
GP-28A	0'-2'	ND	4/22/99	4/26/99	AC-12
	2'-4'	ND	4/22/99	4/26/99	AC-12
	4'-6'	ND	4/22/99	4/26/99	AC-12
	6'-8'	8.2	4/22/99	4/26/99	AC-12
	8'-10'	1.1	4/22/99	4/26/99	AC-12
	10'-12'	ND	4/22/99	4/26/99	AC-12
GP-30	0'-2'	ND	4/22/99	4/26/99	AD-11
	2'-4'	ND	4/22/99	4/26/99	AD-11
	4'-6'	3.8	4/22/99	4/26/99	AD-11
	6'-8'	5.4	4/22/99	4/26/99	AD-11
	8'-10'	ND	4/22/99	4/26/99	AD-11
	10'-12'	ND	4/22/99	4/26/99	AD-11
GP-31	0'-2'	ND	4/22/99	4/27/99	AC-11
	2'-4'	ND	4/22/99	4/27/99	AC-11
	4'-6'	ND	4/22/99	4/28/99	AC-11
	6'-8'	7.1	4/22/99	4/27/99	AC-11
	8'-10'	ND	4/22/99	4/27/99	AC-11
	10'-12'	ND	4/22/99	4/28/99	AC-11
GP-32	0'-2'	ND	4/22/99	4/29/99	AB-11
	2'-4'	ND	4/22/99	4/28/99	AB-11
	4'-6'	1.2	4/22/99	4/28/99	AB-11
	6'-8'	8.7	4/22/99	4/28/99	AB-11
	8'-10'	2.6	4/22/99	4/28/99	AB-11
	10'-12'	ND	4/22/99	4/29/99	AB-11
GP-33	0'-2'	ND	4/22/99	4/29/99	AD-12
	2'-4'	ND	4/22/99	4/29/99	AD-12
	4'-6'	ND	4/22/99	4/29/99	AD-12
	6'-8'	ND	4/22/99	4/29/99	AD-12
	8'-10'	ND	4/22/99	4/29/99	AD-12
	10'-11'	ND	4/22/99	4/29/99	AD-12
GP-35	0'-2'	ND	4/22/99	4/29/99	AD-13
	2'-4'	ND	4/22/99	4/29/99	AD-13
GP-36	0'-2'	ND	4/22/99	4/29/99	AC-13
	2'-4'	1.5	4/22/99	4/29/99	AC-13
GP-38	0'-2'	ND	4/23/99	5/6/99	AB-10
	2'-4'	ND	4/23/99	5/6/99	AB-10
	4'-6'	2.5	4/23/99	5/7/99	AB-10
	6'-8'	6.3	4/23/99	5/7/99	AB-10
GP-39	0'-2'	ND	4/23/99	5/5/99	AC-10
	2'-4'	ND	4/23/99	5/5/99	AC-10
	4'-6'	ND	4/23/99	5/5/99	AC-10
	6'-8'	2.6	4/23/99	5/5/99	AC-10
GP-40	0'-2'	ND	4/23/99	5/4/99	AC-10
	2'-4'	ND	4/23/99	5/4/99	AC-10
	4'-6'	ND	4/23/99	5/4/99	AC-10
	6'-8'	ND	4/23/99	5/5/99	AC-10
GP-41	0'-2'	ND	4/23/99	4/30/99	AC-11
	2'-4'	ND	4/23/99	4/30/99	AC-11
	4'-6'	ND	4/23/99	5/3/99	AC-11
	6'-8'	ND	4/23/99	5/3/99	AC-11
	8'-10'	ND	4/23/99	5/4/99	AC-11
	10'-12'	ND	4/23/99	5/4/99	AC-11

R. BLASKEY
SEP 10 1999

PROPOSED LOCATION OF
40 MW WELL

OCEAN AND COASTAL CONSULTANTS, INC.
25 CORPORATE DRIVE, TRUMBULL CT 06611
(203) 268 5007 FAX (203) 268 0821

SEE LAYER 'README' FOR DESCRIPTIONS

No	Date	Revision	By	Chkd	Engr	Supv

United Illuminating
PositivEnergy

Drawn R.T.B. | Date 6/29/99 | Scale 1"=8'-0"
Chkd. J.V.B. | Design Engr J.V.B. | Design Supv.

ENGLISH STATION - NEW HAVEN BULKHEAD REHABILITATION
PHASE II - PCB MONITORING PLAN
SOIL SAMPLE LEVELS

CAD FILE NAME: 97062\GEN7 (8) | SEQUENCE No. | DRAWING NUMBER: 97062RSI-7

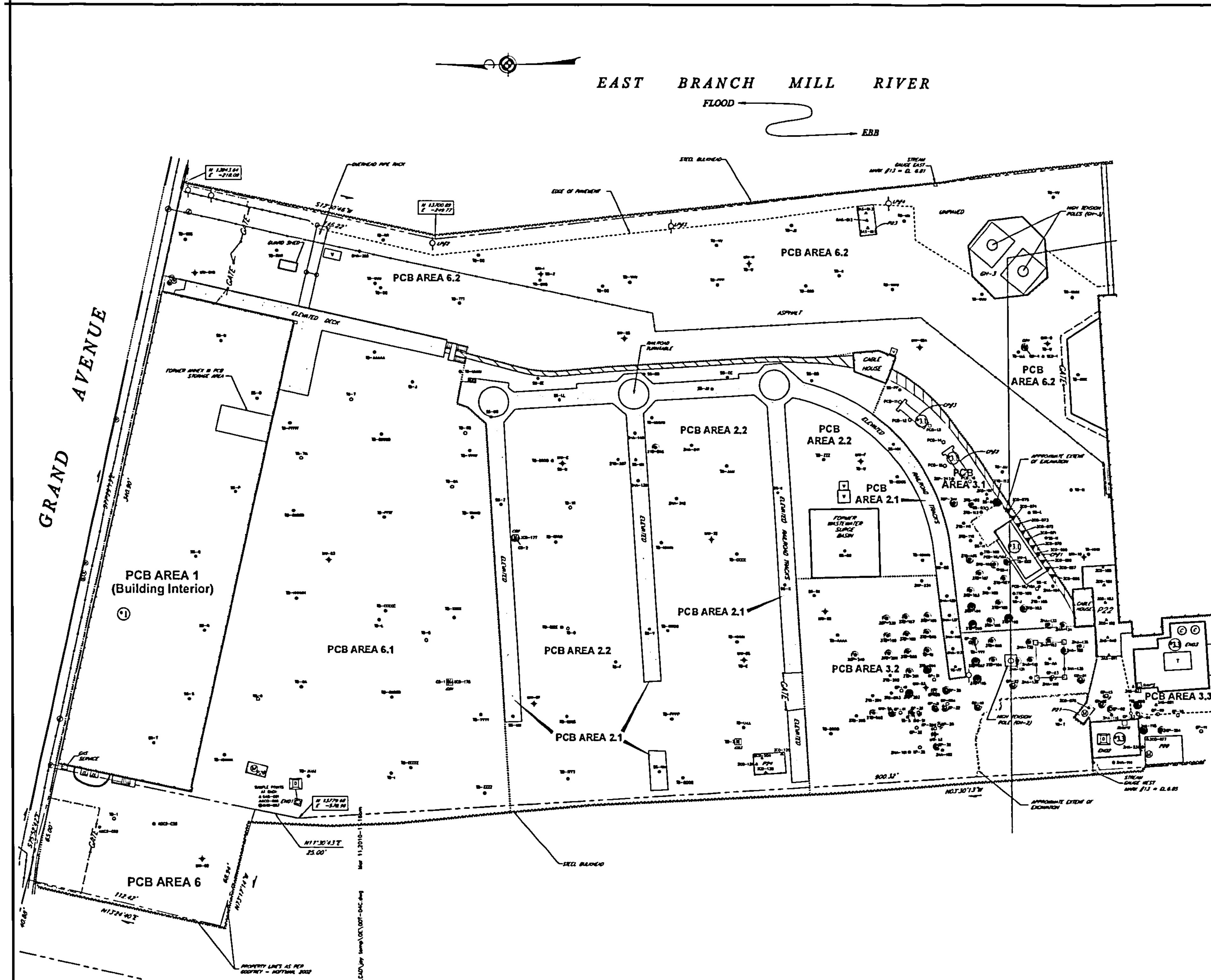


Figure	Sample Point	Sample Matrix	Depth (feet)	PCB Area	PCB Subarea	Sampling Date	Mass Analysis Result	Mass Cleanup Criterion
3N, 4N, 6	2TB-206	Soil	0.0-0.3	2	2.2	11-18-2004	3.0	10.0
3N, 4N, 6	2TB-206	Soil	4.3-6.3	2	2.2	11-18-2004	14.4	10.0
3N, 4N, 6	3GP-239	Soil	0.3-1.5	3	3.2	12-16-2004	2.4	10.0
3N, 4N, 6	3GP-239	Soil	1.5-3.0	3	3.2	12-16-2004	1.1	10.0
3N, 4N, 6	3GP-240	Soil	0.3-1.3	3	3.2	12-16-2004	1.2	10.0
3N, 4N, 6	3GP-240	Soil	1.3-1.0	3	3.2	12-16-2004	4.6	10.0
3N, 4N, 6	3GP-244	Soil	0.3-1.3	3	3.1	12-16-2004	6.6	10.0
3S, 4S, 6	3GP-254	Soil	0.3-1.0	3	3.3	12-16-2004	4.1	10.0
3N, 4N, 6	3HA-101	Soil	0.3-0.8	3	3.2	10-25-2004	5.2	10.0
3N, 4N, 6	3HA-101	Soil	0.8-1.3	3	3.2	10-25-2004	6.9	10.0
3N, 4N, 6	3HA-101	Soil	1.3-1.8	3	3.2	10-25-2004	3.1	10.0
3N, 4N, 6	3HA-102	Soil	0.5-1.0	3	3.2	10-25-2004	5.2	10.0
3N, 4N, 6	3HA-102	Soil	1.0-1.5	3	3.2	10-25-2004	7.2	10.0
3N, 4N, 6	3HA-102	Soil	1.5-2.0	3	3.2	10-25-2004	6.5	10.0
3N, 4N, 6	3HA-103	Soil	0.5-1.0	3	3.2	10-25-2004	6.9	10.0
3N, 4N, 6	3HA-103	Soil	1.0-1.5	3	3.2	10-25-2004	7.7	10.0
3N, 4N, 6	3HA-103	Soil	1.5-1.8	3	3.2	10-25-2004	4.6	10.0
3S, 4S, 6	3HA-115	Soil	0.0-0.5	3	3.3	10-25-2004	8.8	10.0
3S, 4S, 6	3HA-115	Soil	0.5-1.0	3	3.3	10-25-2004	11.3	10.0
3S, 4S, 6	3HA-115	Soil	1.0-1.5	3	3.3	10-25-2004	5.9	10.0
3S, 4S, 6	3HA-115	Soil	1.5-2.0	3	3.3	10-25-2004	3.3	10.0
3N, 4N, 6	3HA-131	Soil	0.4-0.65	3	3.2	11-08-2004	1.8	10.0
3N, 4N, 6	3HA-131D	Soil	0.4-0.65	3	3.2	11-08-2004	1.1	10.0
3N, 4N, 6	3HA-132	Soil	0.4-0.65	3	3.2	11-08-2004	4.5	10.0
3N, 4N, 6	3HA-132	Soil	0.65-1.65	3	3.2	11-08-2004	4.3	10.0
3N, 4N, 6	3HA-133	Soil	0.0-0.25	3	3.1	11-08-2004	1.7	10.0
3N, 4N, 6	3HA-133	Soil	0.25-0.5	3	3.1	11-08-2004	2.2	10.0
3N, 4N, 6	3HA-133	Soil	0.5-1.5	3	3.1	11-08-2004	2.0	10.0
3N, 4N, 6	3HA-134	Soil	0.0-0.25	3	3.1	11-08-2004	2.6	10.0
3N, 4N, 6	3HA-134	Soil	0.25-0.5	3	3.1	11-08-2004	3.8	10.0
3N, 4N, 6	3HA-134	Soil	0.5-1.5	3	3.1	11-08-2004	3.3	10.0
3N, 4N, 6	3HA-135	Soil	0.0-0.25	3	3.1	11-08-2004	13.9	10.0
3N, 4N, 6	3HA-135	Soil	0.25-0.5	3	3.2	11-08-2004	14.5	10.0
3N, 4N, 6	3HA-135	Soil	0.5-1.25	3	3.2	11-08-2004	2.3	10.0
3S, 4S, 6	3HA-233	Soil	0.5-1.5	3	3.3	11-23-2004	4.4	10.0
A3 3b	3SD-001	Sediment	0.0-0.5	3	3.3	08-23-2004	2.6	1.0
3N, 4N, 6	3TB-092	Soil	4.3-6.3	3	3.2	09-09-2004	1.5	10.0
3N, 4N, 6	3TB-094	Soil	0.3-1.3	3	3.2	09-09-2004	5.0	10.0
3N, 4N, 6	3TB-094	Soil	1.3-2.3	3	3.2	09-09-2004	5.7	10.0
3N, 4N, 6	3TB-094	Soil	2.3-2.6	3	3.2	09-09-2004	4.8	10.0
3N, 4N, 6	3TB-094	Soil	2.3-2.6 D	3	3.2	09-09-2004	2.1	10.0
3N, 4N, 6	3TB-094	Soil	2.6-4.3	3	3.2	09-09-2004	1.4	10.0
3N, 4N	3TB-095	Soil	0.3-2.3	3	3.2	09-09-2004	4.2	10.0
3N, 4N	3TB-095	Soil	2.3-3.3	3	3.2	09-09-2004	4.6	10.0
3N, 4N	3TB-096	Soil	0.3-2.0	3	3.2	09-09-2004	1.1	10.0
3N, 4N	3TB-096	Soil	2.0-2.3	3	3.2	09-09-2004	3.1	10.0
3N, 4N	3TB-097	Soil	0.3-0.6	3	3.2	09-10-2004	5.9	10.0
3N, 4N	3TB-097	Soil	0.6-1.6	3	3.2	09-10-2004	22	10.0
3N, 4N	3TB-097	Soil	2.3-4.3	3	3.2	09-10-2004	41	10.0
3N, 4N, 6	3TB-098	Soil	0.0-0.3	3	3.2	09-10-2004	1.4	10.0
3N, 4N	3TB-098	Soil	1.3-1.6	3	3.2	09-10-2004	1.9	10.0
3N, 4N	3TB-098	Soil	1.3-1.6 D	3	3.2	09-10-2004	1.6	10.0
3N, 4N, 6	3TB-099	Soil	0.0-0.3	3	3.1	09-10-2004	3.3	10.0
3N, 4N	3TB-099	Soil	1.0-1.3	3	3.1	09-10-2004	25	10.0
3N, 4N, 6	3TB-107	Soil	0.0-0.3	3	3.1	09-10-2004	1.6	10.0
3N, 4N, 6	3TB-108	Soil	0.0-0.3	3	3.1	09-10-2004	1.7	10.0
3N, 4N	3TB-113	Soil	0.0-0.3	3	3.1	09-10-2004	34	10.0
3N, 4N, 6	3TB-113	Soil	0.3-2.0	3	3.1	09-10-2004	1.1	10.0
3N, 4N, 6	3TB-113	Soil	2.3-4.3	3	3.1	09-10-2004	2.1	10.0
3N, 4N, 6	3TB-182	Soil	0.0-0.3	3	3.1	11-17-2004	1.96	10.0
3N, 4N, 6	3TB-183	Stone	0.0-0.3	3	3.1	11-17-2004	5.03	10.0
3N, 4N, 6	3TB-183	Soil	0.3-1.3	3	3.1	11-17-2004	3.1	10.0
3N, 4N, 6	3TB-184	Soil	0.3-1.3	3	3.1	11-17-2004	3.2	10.0
3N, 4N, 6	3TB-184	Soil	1.3-2.3	3	3.1	11-17-2004	13	10.0
3N, 4N, 6	3TB-185	Soil	1.3-2.3	3	3.1	11-17-2004	8.7	10.0
3N, 4N, 6	3TB-186	Soil	0.3-1.3	3	3.1	11-17-2004	1.5	10.0
3N, 4N, 6	3TB-187	Soil	0.3-1.3	3	3.1	11-17-2004	1.3	10.0
3N, 4N, 6	3TB-189	Soil	0.3-1.3	3	3.1	11-17-2004	3.8	10.0
3N, 4N, 6	3TB-190	Soil	0.3-1.3	3	3.1	11-17-2004	28	10.0
3N, 4N	3TB-193	Stone	0.0-0.3	3	3.1	11-17-2004	1.1	10.0
3N, 4N, 6	3TB-193	Soil	0.3-1.3	3	3.1	11-17-2004	1.9	10.0
3N, 4N, 6	3TB-194	Soil	4.3-6.3	3	3.2	11-17-2004	3.5	10.0
3N, 4N, 6	3TB-195	Soil	0.3-1.3	3	3.2	11-17-2004	4.8	10.0
3N, 4N, 6	3TB-195	Soil	1.3-2.3	3	3.2	11-17-2004	3.5	10.0
3N, 4N, 6	3TB-195	Soil	2.3-4.3	3	3.2	11-17-2004	42	10.0
3N, 4N, 6	3TB-196	Soil	0.3-1.3	3	3.2	11-18-2004	15.7	10.0
3N, 4N, 6	3TB-196	Soil	1.3-2.3	3	3.2	11-18-2004	3.2	10.0
3N, 4N, 6	3TB-197	Soil	0.3-1.3	3	3.2	11-18-2004	2.11	10.0
3N, 4N, 6	3TB-197	Soil	1.3-2.3	3	3.2	11-18-2004	1.6	10.0
3N, 4N, 6	3TB-198	Soil	0.3-1.3	3	3.2	11-18-2004	7.4	10.0
3N, 4N, 6	3TB-198	Soil	2.3-4.3	3	3.2	11-18-2004	1.2	10.0
3N, 4N, 6	3TB-199	Soil	0.3-1.3	3	3.2	11-18-2004	3.5	10.0
3N, 4N, 6	3TB-200	Soil	0.3-1.3	3	3.2	11-18-2004	2.41	10.0
3N, 4N, 6	3TB-200	Soil	1.3-2.3	3	3.2	11-18-2004	3.3	10.0
3N, 4N, 6	3TB-200	Soil	3.3-4.3	3	3.2	11-18-2004	1.2	10.0
3N, 4N, 6	3TB-201	Soil	0.3-1.3	3	3.2	11-18-2004	4.4	10.0
3N, 4N, 6	3TB-201	Soil	1.3-2.3	3	3.2	11-18-2004	8.1	10.0
3N, 4N, 6	3TB-201	Soil	2.3-3.3	3	3.2	11-18-2004	6.8	10.0
3N, 4N, 6	3TB-201D	Soil	0.3-1.3	3	3.2	11-18-2004	5.6	10.0
3N, 4N, 6	3TB-203	Soil	2.3-4.3	3	3.2	11-18-2004	2.1	10.0
3N, 4N, 6	3TB-203	Soil	4.3-6.3	3	3.2	11-18-2004	17	10.0
5	A11	Soil	0.5	3	3.2	06-03-1998	1.8	10.0
5	A12	Soil	0.5	3	3.2	06-02-1998	8.3	10.0
A3 1a	A-4 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	1.7	1.0
A3 1a	A-5 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	17	1.0
A3 1a	A-6 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	56	1.0
A3 1a	A-7 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	4.1	1.0
A3 1a	AOC6-CS08	Soil	0.0-0.3	3	3.1	05-08-2002	2.0	10.0
A3 1a	AOC6-CS12	Soil	1.3-1.6	3	3.1	05-08-2002	1.4	10.0
A3 1a	AOC6-CS13	Soil	1.3-1.6	3	3.1	05-08-2002	4.8	10.0
A3 1a	AOC6-CS14	Soil	1.3-1.6	3	3.1	05-08-2002	4.4	10.0
A3 1a	AOC6-CS15	Soil	2.0-2.3	3	3.1	05-08-2002	1.6	10.0
A3 1a	AOC6-CS16	Soil	2.3-2.6	3	3.1	05-08-2002	1.1	10.0
A3 1a	AOC6-CS17	Soil	2.3-2.6	3	3.1	05-08-2002	2.2	10.0
5	B11	Soil	5.68	3	3.2	06-03-1998	2.1	10.0
5	B12	Soil	6.98	3	3.2	06-03-1998	2.3	10.0
5	B13	Soil	7.75	3	3.2	06-02-1998	3.6	10.0
A3 1a	B-4 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	1.2	1.0
A3 1a	B-6 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	248	1.0
A3 1a	B-7 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	40	1.0
A3 1a	B-8 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	3.5	1.0
5	C11	Soil	3.67	3	3.2	06-03-1998	2.2	10.0
5	C11	Soil	5.67	3	3.2	06-03-1998	8.0	10.0
5	C11	Soil	7.67	3	3.2	06-03-1998	4.4	10.0
A3 1a	C-5 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	32.2	1.0
A3 1a	C-6 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	94	1.0
A3 1a	C-7 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	25	1.0
A3 1a	C-8 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	1.9	1.0
3N, 4N	CB-2	Sediment	0.0-0.1	2	2.2	05-10-2001	3.8	1.0
A3 1a	CS-1	Concrete	(Chip)	3	3.1	06-11-1998	3	1.0
A3 1a	CS-2	Concrete	(Chip)	3	3.1	06-11-1998	10	1.0
A3 1a	D-1 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	1.8	1.0
5	D10	Soil	5.55	3	3.2	07-14-1998	8.5	10.0
5	D11	Soil	7.73	3	3.2	06-03-1998	3.2	10.0
5	D12	Soil	10.13	3	3.2	06-02-1998	4.6	10.0
5	D13	Soil	8.84	3	3.2	06-02-1998	4.1	10.0
5	D13	Soil	12.34	3	3.2	06-02-1998	3.1	10.0
A3 1a	D-3 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	6.3	1.0
A3 1a	D-4 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	4.9	1.0
A3 1a	D-5 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	8.8	1.0
A3 1a	D-6 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	7.7	1.0
A3 1a	D-7 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	18	1.0
A3 1a	D-8 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	4.1	1.0
5	E10	Soil	9.3	3	3.2	07-14-1998	4.3	10.0
5	E12	Soil	11.41	3	3.2	06-02-1998	1.3	10.0
5	E13	Soil	9.08	3	3.2	06-02-1998	2.5	10.0
5	E13	Soil	11.08	3	3.2	06-02-1998	1.6	10.0
5	F10	Soil	9.22	3	3.2	07-14-1998	3.7	10.0
5	F12	Soil	8.35	3	3.2	06-03-1998	4.8	10.0
5	F12	Soil	10.35	3	3.2	06-03-1998	3.6	10.0
5	F12	Soil	12.05	3	3.2	06-03-1998	2.0	10.0
5	F13	Soil	8.62	3	3.2	06-02-1998	2.2	10.0
5	F13	Soil	10.62	3	3.2	06-02-1998	1.4	10.0
5	F14	Soil	5.23	3	3.2	06-02-1998	1.7	10.0
5	G12	Soil	7.74	3	3.2	06-03-1998	1.6	10.0
5	G13	Soil	9.72	3	3.2	06-22-1998	1.6	10.0
5	G13	Soil	10.77	3	3.2	06-02-1998	1.3	10.0

Figure	Sample Point	Sample Matrix	Depth (feet)	PCB Area	PCB Subarea	Sampling Date	Mass Analysis Result	Mass Cleanup Criterion
5	G14	Soil	8.56	3	3.2	06-02-1998	3.6	10.0
5	G14	Soil	12.06	3	3.2	06-02-1998	3.9	10.0
3S, 4S, 5	GP-01	Soil	12	3	3.3	12-12-1997	1.4	10.0
3S, 4S, 5	GP-02	Soil	12	3	3.3	12-12-1997	5.0	10.0
3S, 4S, 5	GP-04	Soil	12	3	3.3	12-12-1997	1.9	10.0
3N, 4N, 5	GP-06A	Soil	2-3	3	3.2	12-29-1997	1.6	10.0
3S, 4S, 5	GP-15	Soil	20-25	3	3.3	12-19-1997	1.4	10.0
3S, 4S, 5	GP-15	Soil	4-8	3	3.3	12-19-1997	2.7	10.0
3N, 4N, 5	GP-16	Soil	0-4	3	3.2	12-29-1997	1.7	10.0
3N, 4N, 5	GP-16	Soil	4-8	3	3.2	12-29-1997	3.8	10.0
3N, 4N, 5	GP-20	Soil	4-8	3	3.2	12-30-1997	5.0	10.0
3N, 4N, 5	GP-20A	Soil	6-8	3	3.2	04-22-1999	8.2	10.0
3N, 4N, 5	GP-20A	Soil	8-10	3	3.2	04-22-1999	1.1	10.0
3N, 4N, 5	GP-22	Soil	4-5	3	3.2	01-22-1998	1.5	10.0
3N, 4N, 5	GP-23	Soil	6	3	3.2	01-22-1998	3.2	10.0
3N, 4N, 5	GP-23	Soil	7	3	3.2	01-22-1998	8.4	10.0
3N, 4N, 5	GP-23	Soil	8	3	3.2	01-22-1998	6.7	10.0
3N, 4N, 5	GP-23	Soil	9	3	3.2	01-22-1998	1.9	10.0
3N, 4N, 5	GP-23	Soil	5-6	3	3.2	01-22-1998	9.1	10.0
3N, 4N, 5	GP-24	Soil	3	3	3.2	01-22-1998	2.0	10.0
3N, 4N, 5	GP-24	Soil	4	3	3.2	01-22-1998	2.1	10.0
3N, 4N, 5	GP-24	Soil	5	3	3.2	01-22-1998	1.8	10.0
3N, 4N, 5	GP-24	Soil	8	3	3.2	01-22-1998	7.8	10.0
3N, 4N, 5	GP-24	Soil	10	3	3.2	01-22-1998	7.3	10.0
3N, 4N, 5	GP-30	Soil	4-6	3	3.2	04-22-1999	3.8	10.0
3N, 4N, 5	GP-30	Soil	6-8	3	3.2	04-22-1999	5.4	10.0
3N, 4N, 5	GP-31	Soil	6-8	3	3.2	04-22-1999	7.1	10.0
3N, 4N, 5	GP-32	Soil	4-6	3	3.2	04-22-1999	1.2	10.0
3N, 4N, 5	GP-32	Soil	6-8	3	3.2	04-22-1999	8.7	10.0
3N, 4N, 5	GP-32	Soil	8-10	3	3.2	04-22-1999	2.6	10.0
3N, 4N, 5	GP-36	Soil	2-4	3	3.2	04-22-1999	1.5	10.0
3N, 4N, 5	GP-38	Soil	4-6	3	3.2	04-22-1999	2.5	10.0
3N, 4N, 5	GP-38	Soil	6-8	3	3.2	04-23-1999	6.1	10.0
3N, 4N, 5	GP-39	Soil	6-8	3	3.2	04-23-1999	2.6	10.0
5	MW-1	Soil	10-12	3	3.2	01-07-1998	1.1	10.0
3N, 4N, 5	MW-30	Soil	4-6	3	3.2	10-12-1999	1.4	10.0
3N, 4N, 5	MW-31	Soil	6-8	3	3.2	10-12-1999	1.7	10.0
3N, 4N, 5	MW-33	Soil	6-8	3	3.2	10-12-1999	2.6	10.0
A3 3a	PCB-06	Sediment	NS	3	3.3	06-11-1998	4	1.0
3S, 4S, 6	TB-BBB	Soil	3-5	3	3.3	02-15-2002	15	10.0
3S, 4S, 6	TB-BBB	Soil	5-7	3	3.3	02-15-2002	15	10.0
3N, 4N, 6	TB-III	Soil	0.5-1.5	3	3.2	04-04-2002	1.9	10.0
3N, 4N	TB-XXX	Soil	0.0-0.5	3	3.1	04-03-2002	3.5	10.0
3N, 4N	TB-XXX	Soil	0.5-1.5	3	3.1	04-03-2002	1.2	10.0
3N, 4N	TB-YYY	Soil	0.5-1.5	3	3.2	04-03-2002	9.4	10.0
3N, 4N, 6	TB-YYY	Soil	2.3-3.3	3	3.2	04-03-2002	3.1	10.0
A3 3a	TXFP1-A4	Concrete	½ inch	3	3.3	02-05-2002	1.6	1.0
A3 3a	TXFP1-A5	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-C3	Concrete	½ inch	3	3.3	02-05-2002	1.6	1.0
A3 3a	TXFP1-C4	Concrete	½ inch	3	3.3	02-05-2002	2.2	1.0
A3 3a	TXFP1-C5	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-D2	Concrete	½ inch	3	3.3	02-05-2002	4.0	1.0
A3 3a	TXFP1-D3	Concrete	½ inch	3	3.3	02-05-2002	2.3	1.0
A3 3a	TXFP1-D4	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-F1	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-F2	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-F3	Concrete	½ inch	3	3.3	02-05-2002	1.9	1.0
A3 3a	TXFP1-E4	Concrete	½ inch	3	3.3	02-05-2002	1.8	1.0
A3 3a	TXFP1-F1	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0

LEGEND

- EDGE OF PAVEMENT
- PROPERTY / STREET LINE
- CHAIN LINK FENCE
- GUARDRAIL
- NEW BULKHEAD
- GAS LINE
- OVERHEAD WIRE
- CONCRETE WALL
- APPROXIMATE EXTENT OF EXCAVATION
- PCB AREA BOUNDARY
- PIPE TRENCH
- EXISTING BUILDING
- CONCRETE PAD
- CONCRETE PAD (ELEVATED)
- ASPHALT APRON
- RECENT FILL
- WATER GATE
- GAS GATE
- ROUND CATCH BASIN
- RECTANGULAR CATCH BASIN
- UTILITY POLE
- FIRE HYDRANT
- MANHOLE
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- HATCHWAY
- INTAKE CHANNEL
- DISCHARGE CHANNEL
- TRANSFORMER
- CIRCUIT BREAKER
- CATHODIC BULKHEAD PROTECTION DEVICE
- ASPHALT SAMPLE POINT
- CONCRETE SAMPLE POINT
- CONCRETE SAMPLE POINT – COLLECTED BY GEI
- CONCRETE SAMPLE POINT FROM WALL
- HEXANE WIPE SAMPLE POINT
- MISCELLANEOUS SAMPLE POINT
- SEDIMENT SAMPLE POINT
- SEDIMENT SAMPLE POINT – COLLECTED BY GEI
- SOIL SAMPLE POINT
- SOIL SAMPLE POINT – COLLECTED BY OTHERS
- SURFACE WATER SAMPLE POINT
- SOIL SAMPLE FROM GROUND WATER MONITORING WELL
- SOIL SAMPLE FROM GROUND WATER MONITORING WELL – INSTALLED BY OTHERS
- PCB MASS SAMPLING RESULT > 1.0 AND ≤10.0 MILLIGRAMS PER KILOGRAM (mg/kg)
- PCB MASS ANALYSIS RESULT > 10.0 MILLIGRAMS PER KILOGRAM (mg/kg)
- VALUE THAT EXCEEDS SIGNIFICANT ENVIRONMENTAL HAZARD (SEH) THRESHOLD CONCENTRATION

General Notes for Figures 4N & 4S

[1] [illegible]

[2] [illegible]

[3] [illegible]

[4] [illegible]

[5] [illegible]

[6] [illegible]

[7] [illegible]

[8] [illegible]

[9] [illegible]

[10] [illegible] Sample Matrix [illegible] Sample Results Units [illegible]

[11] [illegible]

[12] [illegible]

[13] [illegible]

[14] [illegible]

PCB Investigation Areas

[illegible]

DRAFT

SCALE: 1 INCH = 20 FEET

0 10 20 30 40 60 80

Scale in Feet

FIGURE	MASS ANALYSIS PCB SAMPLE POINT LOCATIONS AND EXCEEDANCES – NORTH		
4N			
DATE 3/11/05	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT		
SITE ID –			
Advanced Environmental Interface, Inc. 8 Old Indian Trail Middlefield, CT 06455	PROJECT No. AEI-00T-030e	DRAWING No. 00T-04C	
	DRAWN BY J.J.S.	CHECKED BY T.N.W.	
	SIZE D	SCALE AS SHOWN	

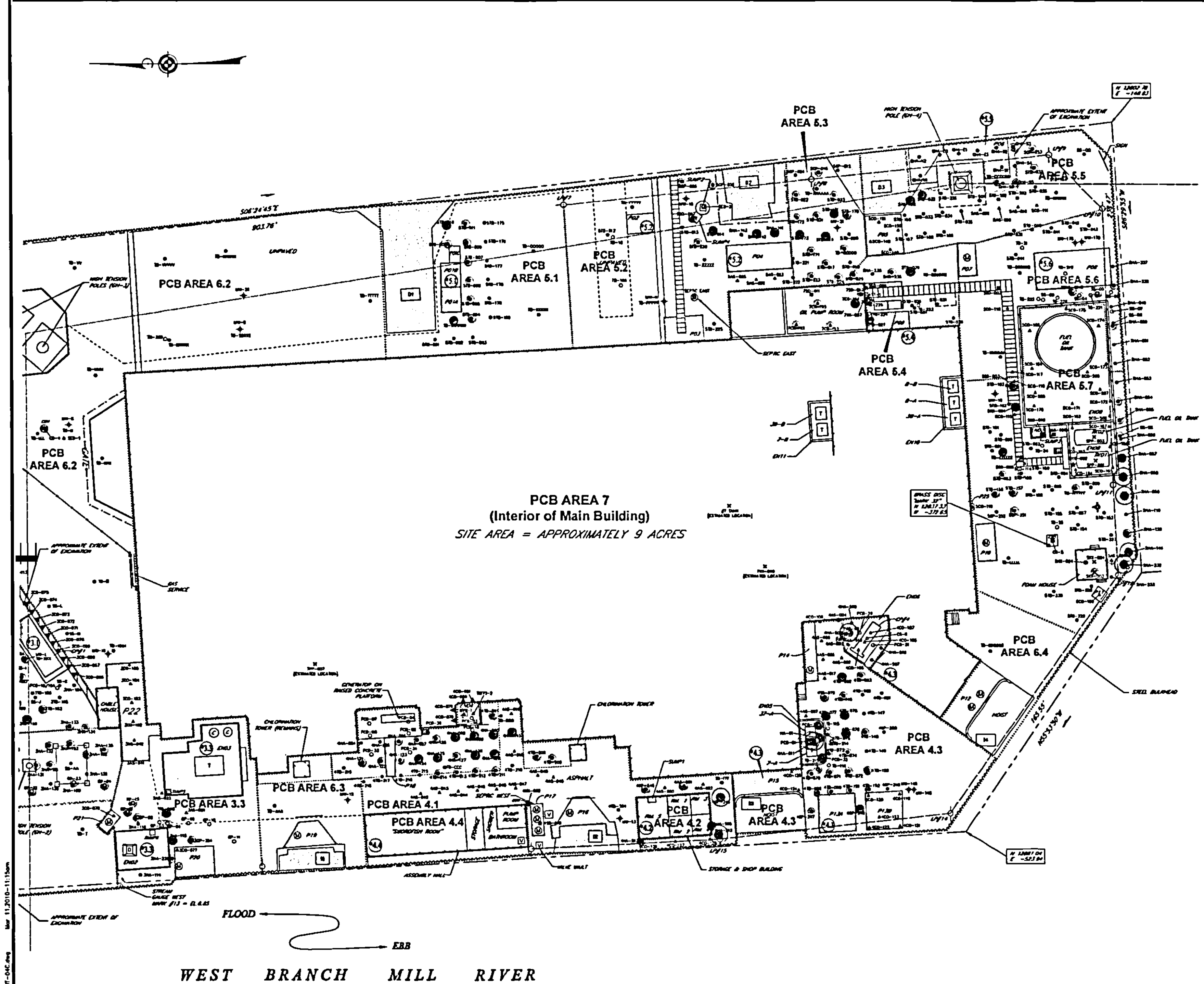

Figure	Sample Point	Sample Matrix	Depth (feet)	PCB Area	PCB Subarea	Sampling Date	Mass Analysis Result	Mass Cleanup Criterion
3S, 4S, 6	3WP-254	Soil	0.5–1.0	3	3.3	12-16-2004	4.1	10.0
3S, 4S, 6	3HA-115	Soil	0.0–0.5	3	3.3	10-25-2004	8.8	10.0
3S, 4S, 6	3HA-115	Soil	0.5–1.0	3	3.3	10-25-2004	11.3	10.0
3S, 4S, 6	3HA-115	Soil	1.0–1.5	3	3.3	10-25-2004	3.0	10.0
3S, 4S, 6	3HA-115	Soil	1.5–2.0	3	3.3	10-25-2004	1.5	10.0
3S, 4S, 6	3HA-231	Soil	0.5–1.5	3	3.3	11-23-2004	4.4	10.0
A3 3b	3SD-001	Sediment	0.0–0.5	3	3.3	08-26-2004	3.6	1.0
3S, 4S	4AS-003	Asphalt	¼ inch	4	4.3	09-01-2004	1.7	1.0
3S, 4S	4AS-011	Asphalt	¼ inch	4	4.3	12-16-2004	1.2	1.0
A4 3	4CO-081	Concrete	¼ inch	4	4.2	08-27-2004	3.9	1.0
A4 3	4CO-084	Concrete	¼ inch	4	4.2	08-27-2004	54	1.0
A4 3	4CO-085	Concrete	¼ inch	4	4.2	08-27-2004	17	1.0
A4 3	4CO-086	Concrete	¼ inch	4	4.2	08-27-2004	1.6	1.0
A4 3	4CO-088	Concrete	¼ inch	4	4.2	08-27-2004	1.9	1.0
A4 3	4CO-089	Concrete	¼ inch	4	4.2	08-27-2004	4.4	1.0
A4 3	4CO-090	Concrete	¼ inch	4	4.2	08-27-2004	81	1.0
A4 3	4CO-091	Concrete	¼ inch	4	4.2	08-27-2004	3.3	1.0
A4 3	4CO-091D	Concrete	¼ inch	4	4.2	08-27-2004	31	1.0
A4 3b	4CO-115	Concrete	¼ inch	4	4.5	11-08-2004	1.6	1.0
A4 4	4CO-153	Concrete	¼ inch	4	4.4	12-02-2004	1.9	1.0
A4 4	4CO-154	Concrete	¼ inch	4	4.4	12-02-2004	1.40	1.0
A4 4	4CO-155	Concrete	¼ inch	4	4.4	12-02-2004	1.86	1.0
A4 3	4CO-156	Concrete	¼ inch	4	4.3	12-02-2004	33	1.0
A4 3	4CO-157	Concrete	¼ inch	4	4.3	12-02-2004	34,000	1.0
A4 3	4CO-158	Concrete	¼ inch	4	4.3	12-02-2004	1.9	1.0
A4 3	4CO-159	Concrete	¼ inch	4	4.3	12-02-2004	30	1.0
A4 3	4CO-160	Concrete	¼ inch	4	4.3	12-02-2004	3.1	1.0
A4 3	4CO-161	Concrete	¼ inch	4	4.3	12-02-2004	4,900	1.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

LEGEND

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General Notes for Figures 4N & 4S

PCB Investigation Areas

DRAFT

SCALE: 1 INCH = 20 FEET

0 10 20 30 40 60 80

Scale in Feet

FIGURE 4S	MASS ANALYSIS PCB SAMPLE POINT LOCATIONS AND EXCEEDANCES – SOUTH
DATE 3/1/10	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

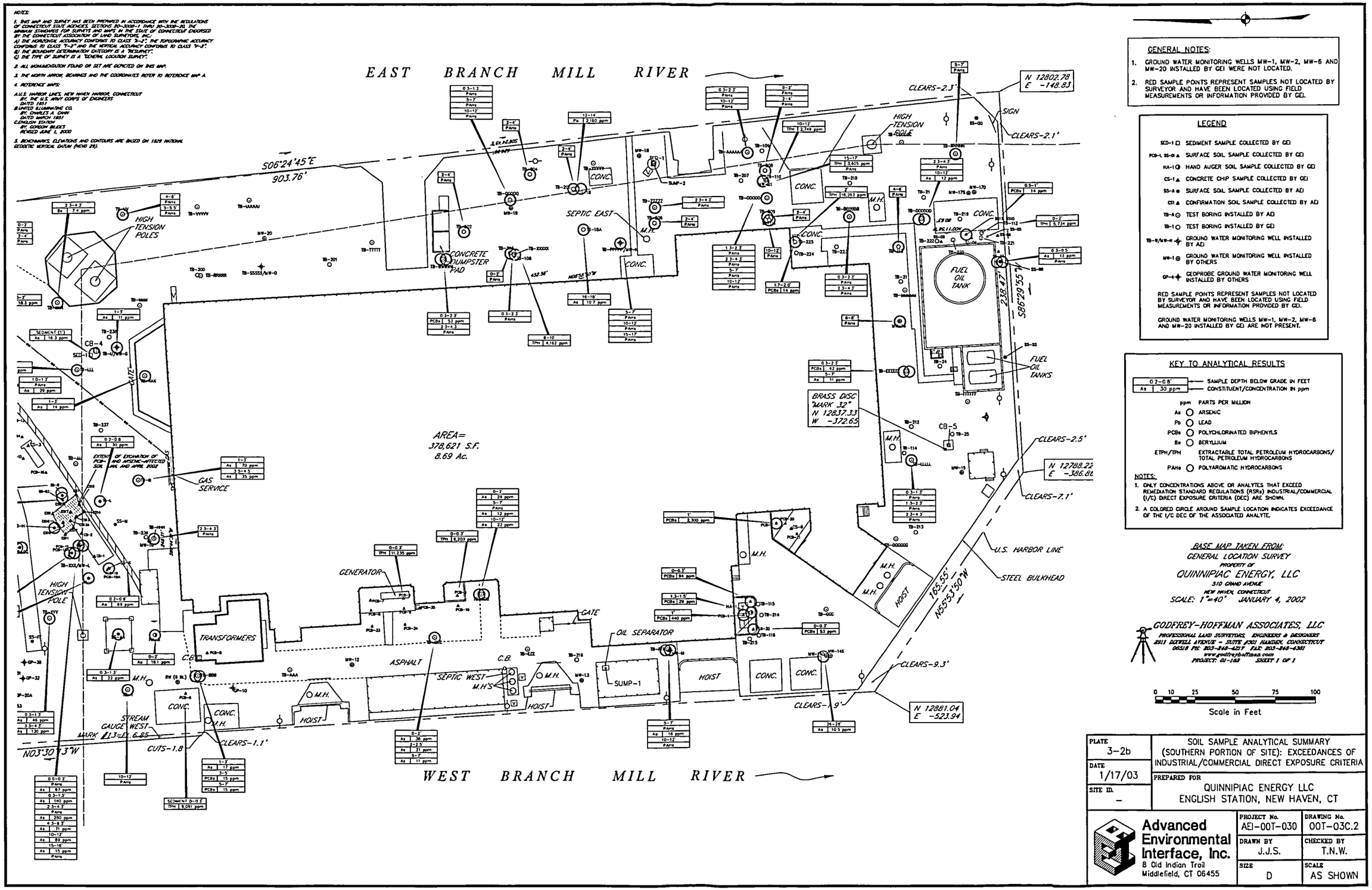
Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No.	DRAWING No.
AEI-00T-030e	00T-04C
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

C:_CAD\Joy temp\QE\00T-04C.dwg Mar 11,2010-11:15am

NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THRU 20-300b-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.:
   A) THE HORIZONTAL ACCURACY CONFORMS TO CLASS T-2; THE TOPOGRAPHIC ACCURACY CONFORMS TO CLASS T-2 AND THE VERTICAL ACCURACY CONFORMS TO CLASS V-2.
   B) THE BOUNDARY DETERMINATION OUTCOME IS A "RESURVEY".
   C) THE TYPE OF SURVEY IS A "SENSITIVE LOCATION SURVEY".
2. ALL MONUMENTATION FOUND OR SET ARE DEPICTED ON THIS MAP.
3. THE NORTH ARROW, BEARINGS AND THE COORDINATES REFER TO REFERENCE MAP A.
4. REFERENCE MAPS:
   A.U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
   BY: THE U.S. ARMY CORPS OF ENGINEERS
   DATED 1851
   B.UNITED ILLUMINATING CO.
   BY: CHARLES A. CHAY
   DATED MARCH 1851
   C.ENGLISH STATION
   BY: GORDON BLIDE'S
   REVISED JUNE 1, 2020
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).



GENERAL NOTES:

1. GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI WERE NOT LOCATED.
2. RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

LEGEND

- SED-1 □ SEDIMENT SAMPLE COLLECTED BY GEI
- PCB-L, SS-01 ▲ SURFACE SOIL SAMPLE COLLECTED BY GEI
- HA-1 ⊙ HAND AUGER SOIL SAMPLE COLLECTED BY GEI
- CS-1 ▲ CONCRETE CHIP SAMPLE COLLECTED BY GEI
- SS-A ● SURFACE SOIL SAMPLE COLLECTED BY AEI
- CS1 ▲ CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
- TB-A ⊙ TEST BORING INSTALLED BY AEI
- TB-1 ○ TEST BORING INSTALLED BY GEI
- TB-11/MW-11 ✦ GROUND WATER MONITORING WELL INSTALLED BY AEI
- MW-1 ⊙ GROUND WATER MONITORING WELL INSTALLED BY OTHERS
- GP-4 ✦ GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	— SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	— CONSTITUENT/CONCENTRATION IN ppm

- ppm PARTS PER MILLION
- As ○ ARSENIC
- Pb ○ LEAD
- PCBs ○ POLYCHLORINATED BIPHENYLS
- Be ○ BERYLLIUM
- ETPH/TPH EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
- PAHs ○ POLYAROMATIC HYDROCARBONS

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) INDUSTRIAL/COMMERCIAL (I/C) DIRECT EXPOSURE CRITERIA (DEC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE I/C DEC OF THE ASSOCIATED ANALYTE.

BASE MAP TAKEN FROM:
GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
2811 DIXWELL AVENUE - SUITE #301 HAMDEN, CONNECTICUT 06518 PH: 203-248-4217 FAX: 203-248-4381
www.godfreyhoffman.com
PROJECT: 01-162 SHEET 1 OF 1

0 10 25 50 75 100
Scale in Feet

PLATE 3-2b	SOIL SAMPLE ANALYTICAL SUMMARY (SOUTHERN PORTION OF SITE): EXCEEDANCES OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA
DATE 1/17/03	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No.	DRAWING No.
AEI-00T-030	00T-03C.2
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

English Station
PCB Analytical Results
AOC-1

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	11-16-MISC-121	NS	Concrete	1	1	1.1	*First floor*	19 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-123	NS	Wood	1	1	1.1	*First floor*	19 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-124	NS	Wood	1	1	1.1	*Mezzanine*	19 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-125	NS	Wood	1	1	1.1	*Mezzanine*	19 Nov 1999	ND < 1.0	2	GEI
A	1CO-01	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-02	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	0.57	—	—
A	1CO-03	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-04	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	0.98	—	—
A	1CO-05	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-05 **D**	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	5	—
A	1CO-06	½ inch	Concrete	1	1	1.1	*Loading dock*	16 Jun 2004	0.52	—	—
A	1CO-07	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-08	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-09	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-10	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-11	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-200	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-201	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.51	—	—
A	1CO-202	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-203	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-204	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-205	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.35	—	—
A	1CO-206	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-207	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.39	—	—
A	1CO-208	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-209	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.50	—	—
A	1CO-210	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-211	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-212	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-213	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-214	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-215	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-216	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-217	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-218	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.86	—	—
A	1CO-219	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.51	—	—
A	1CO-219 **D**	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.62	5	—
A	1CO-219 **EB**	NA	Water	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.50	—	—
A	1CO-220	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	1.00	—	—
A	1CO-221	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	**1.4**	—	—
A	1CO-222	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.54	—	—
A	1CO-223	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	**2.0**	—	—
A	1CO-224	½ inch	Concrete	1	1	1.1	*Office roof*	01 Sep 2006	ND < 0.30	—	—
A	1CO-225	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	**43**	E	—
A	1CO-226	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.71	—	—
A	1CO-227	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.91	—	—
A	1CO-228	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.4**	—	—
A	1CO-229	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.7**	—	—
A	1CO-230	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.5**	—	—
A	1CO-231	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.44	—	—
A	1CO-232	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.40	—	—
A	1CO-233	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.4**	—	—
A	1CO-234	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.04**	—	—
A	1CO-235	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.79	—	—
A	1CO-236	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.3**	—	—
A	1CO-237	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.45	—	—
A	1CO-238	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.6**	—	—
A	1CO-239	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.2**	—	—
A	1CO-240	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.1**	—	—
A	1CO-241	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.7**	—	—
A	1CO-242	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.42	—	—
A	1CO-243	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.3**	—	—
A	1CO-244	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**3.7**	—	—
A	1CO-245	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.85**	—	—
A	1CO-245 **D**	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.0**	5	—

English Station
PCB Analytical Results
AOC-1

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1CO-245 **EB**	NA	Water	1	1	1.1	*First floor*	28 Sep 2006	ND < 0.50	—	—
A	1CO-246	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.34	—	—
A	1CO-247	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.37	—	—
A	1CO-248	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.48	—	—
A	1CO-249	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**8.3**	E	—
A	1CO-250	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.9**	—	—
A	1CO-251	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.49	—	—
A	1CO-252	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.38	—	—
A	1CO-253	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.62	—	—
A	1CO-254	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.98	—	—
A	1CO-255	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.96	—	—
A	1CO-256	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.0**	—	—
A	1CO-257	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.80	—	—
A	1CO-258	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.60	—	—
A	1CO-259	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1CO-260	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.95	—	—
A	1CO-261	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.4**	—	—
A	1CO-262	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**1.29**	—	—
A	1CO-263	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.7**	—	—
A	1CO-264	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.30	—	—
A	1CO-265	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.31	—	—
A	1CO-265 **D**	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.30	5	—
A	1CO-265 **EB**	NA	Water	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.50	—	—
A	1CO-266	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**1.8**	—	—
A	1CO-267	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.49	—	—
A	1CO-268	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.8**	—	—
A	1CO-269	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1CO-270	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.31	—	—
A	1CO-271	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	**2.0**	—	—
A	1CO-272	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.33	—	—
A	1CO-273	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	**1.8**	—	—
A	1CO-274	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.30	—	—
A	1CO-275	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.89	—	—
A	1CO-276	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.58	—	—
A	1CO-277	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.51	—	—
A	1CO-277 **D**	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.40	5	—
A	1CO-277 **EB**	NA	Water	1	1	1.1	*First floor*	13 Nov 2006	ND < 0.50	—	—
A	1CO-**EB**01	NA	Water	1	1	1.1	*First floor*	16 Jun 2004	ND < 12	9	—
A	1HX-046	NA	Hexane	1	1	1.1	*Stairs*	25 Oct 2006	ND < 5.0	—	—
A	1HX-048	NA	Hexane	1	1	1.1	*Stairs*	25 Oct 2006	ND < 5.0	—	—
A	1XX-026	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	**1.42**	—	—
A	1XX-027	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-028	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-029	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-030	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	**1.64**	—	—
A	1XX-031	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	0.83	—	—
A	1XX-032	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-033	½ inch	Wood	1	1	1.1	*First floor*	13 Nov 2006	ND < 0.60	—	—
A	1CO-608	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-609	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.41	—	—
A	1CO-610	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-611	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.83	—	—
A	1CO-612	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.43	—	—
A	1CO-613	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-614	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-615	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.69	—	—
A	1CO-616	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-617	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-618	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-619	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-620	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.76	—	—
A	1CO-621	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.94	—	—
A	1CO-622	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.37	—	—
A	1CO-623	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.72	—	—
A	1CO-624	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.34	—	—
A	1CO-625	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-626	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-627	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	LD	—

English Station
PCB Analytical Results
AOC-1

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1CO-627	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	LD	—
A	1CO-628	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.55	—	—
A	1CO-629	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-630	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-631	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-632	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.85	—	—
A	1CO-633	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-634	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-635	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-636	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-637	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.37	—	—
A	1CO-638	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-639	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-640	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-641	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-642	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-643	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-644	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.32	—	—
A	1CO-645	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-646	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.48**	—	—
A	1CO-647	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.6**	LD	—
A	1CO-647	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.6**	LD	—
A	1CO-648	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.40**	—	—
A	1CO-649	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.07**	—	—
A	1CO-650	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.32	—	—
A	1CO-651	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.37**	—	—
A	1CO-652	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.23**	—	—
A	1CO-653	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.42**	—	—
A	1CO-654	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	1.00	—	—
A	1CO-655	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.81	—	—
A	1CO-656	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-657	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.74	—	—
A	1CO-658	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-659	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-660	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.89	—	—
A	1CO-661	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.80	—	—
A	1CO-662	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-663	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-664	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.81	—	—
A	1CO-665	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.43	—	—
A	1CO-666	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.51**	—	—
A	1CO-667	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.50**	LD	—
A	1CO-667	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.41**	LD	—
A	1CO-668	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-669	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**2.1**	—	—
A	1CO-670	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.46	—	—
A	1CO-671	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.08**	—	—
A	1CO-672	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.23**	—	—
A	1CO-673	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-674	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.47**	—	—
A	1CO-675	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.26**	—	—
A	1CO-676	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	BW-606	NA	Water	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.50	**EB**	—
A	BW-607	NA	Water	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.50	**EB**	—
A	BW-608	NA	Water	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.50	**EB**	—
A	1CO-677	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-678	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-679	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-680	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.17**	—	—
A	1CO-681	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**4.5**	—	—
A	1CO-682	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**6.1**	—	—
A	1CO-683	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.98	—	—
A	1CO-684	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.39	—	—
A	1CO-685	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.57	—	—
A	1CO-686	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-687	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	LD	—
A	1CO-687	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	LD	—
A	1CO-688	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.93	—	—

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PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1CO-689	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.76**	—	—
A	1CO-690	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**2.3**	—	—
A	1CO-691	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**4.4**	—	—
A	1CO-692	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.70	—	—
A	1CO-693	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-694	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-695	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-696	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.1**	—	—
A	1CO-697	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**16,000**	S	—
A	1CO-698	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**3.2**	—	—
A	1CO-699	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.2**	—	—
A	1CO-700	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-701	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-702	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.36	—	—
A	1CO-703	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.36	LD	—
A	1CO-703	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.38	LD	—
A	BW-609	NA	Water	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	**EB**	—
A	BW-610	NA	Water	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	**EB**	—
A	1XX-606	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1XX-607	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1XX-608	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-609	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-610	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-611	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-612	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-613	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-614	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-615	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	LD	—
A	1XX-615	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	LD	—
A	1XX-616	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-617	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-618	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-619	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-620	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-621	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-622	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-623	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-624	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	BW-611	NA	Water	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	**EB**	—
A	1HX-600	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-601	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-602	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-603	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-604	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-605	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-606	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-607	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-608	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-609	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-610	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-611	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-612	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-613	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-614	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-615	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-616	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-617	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-618	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-619	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-620	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-621	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-622	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-623	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-624	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-625	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-626	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	2.3	—	—
A	1HX-627	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	7.9	—	—
A	1HX-628	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—

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PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1HX-629	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-630	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-631	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-632	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-633	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-634	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-635	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-636	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-637	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-638	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-639	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-640	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-641	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-642	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-643	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	**EB**	—
A	11-16-MISC-114	NS	Concrete	1	1	1.2	*Annex III*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-115	NS	Concrete	1	1	1.2	*Annex III*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-116	NS	Concrete	1	1	1.2	*Annex III*	18 Nov 1999	ND < 1.0	2	GEI
A	1CO-12	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-13	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-14	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-15	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-16	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	A-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	A-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	A-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	A-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	B-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**17.4**	—	—
A	B-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**45**	—	—
A	B-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**2.4**	—	—
A	B-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	C-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**1.3**	—	—
A	C-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**1.5**	—	—
A	C-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.98	—	—
A	C-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	CS-5	(Chip)	Concrete	1	1	1.2	*Annex III*	11 Jun 1998	**15**	2	GEI
A	D-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.94	—	—
A	D-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.77	—	—
A	D-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	D-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	E-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.69	—	—
A	E-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.98	—	—
A	E-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.51	—	—
A	E-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	Equip. Blank	NA	Water	1	1	1.2	*Annex III*	26 Aug 2002	ND < 10	—	—
A	F-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	F-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	F-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	Field Blank	NA	Water	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	G-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	G-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	H-1	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	H-2	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	H-3	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	I-1	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	0.50	—	—
A	I-2	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	**1.6**	—	—
A	I-3	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	**1.1**	—	—
A	I-3a	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	0.65	5	—
A	I-4	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-1	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-2	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-3	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-4	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	K-1.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	K-2.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	**1.4**	—	—
A	K-3.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	K-3.5 **Dup**	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	5	—
A	L-1.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	L-2.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	L-3.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—

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PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	SE-1	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.80	—	—
A	SF-1	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	SF-3	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	11-16-MISC-117	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-118	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-119	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-120	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	1.0	2	GEI
A	11-16-MISC-122	NS	Concrete	1	1	1.3	*Basement*	19 Nov 1999	ND < 1.0	2	GEI
A	SS-N	0.0–1.0	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-O	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-P	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-Q	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-R	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-S	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-T	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	11-16-MISC-113	NA	Oil	1	1	1.4	*Crane*	18 Nov 1999	**4.0**	1	GEI
A	1HX-030	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-031	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-032	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-033	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-034	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-035	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-035 **EB**	NA	Water	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-036	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-037	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-038	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-039	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-040	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-041	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-042	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-043	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-044	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-045	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-047	NA	Hexane	1	1	1.4	*Crane*	25 Oct 2006	ND < 5.0	—	—
A	1XX-010	NA	Paint	1	1	1.4	*Crane*	01 Sep 2006	**9.5**	19	—
A	1XX-011	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**18.2**	19, E	—
A	1XX-012	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**17.6**	19, E	—
A	1XX-013	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**19.3**	19, E	—
A	1XX-014	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**13.1**	19, E	—
A	1XX-015	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**20.4**	19, E	—
A	1XX-015 **EB**	NA	Water	1	1	1.4	*Crane*	07 Sep 2006	ND < 0.50	—	—
A	1XX-016	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**21**	19, E	—
A	1XX-017	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**21**	19, E	—
A	1XX-018	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**13.4**	19, E	—
A	1XX-019	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**12.5**	19, E	—
A	1XX-019 **D**	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**15.3**	5, 19, E	—
A	1XX-020	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**8.5**	19, E	—
A	1XX-021	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**10.4**	19, E	—
A	1XX-022	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**21**	19, E	—
A	1XX-023	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**22**	19, E	—
A	1XX-024	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**20**	19, E	—
A	1XX-025	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**4.5**	19, E	—
A	CR-CS01	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS02	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS03	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS04	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS05	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS06	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS07	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS08	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS09	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS10	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS11	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS12	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS13	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS14	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS15	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS16	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—

English Station
PCB Analytical Results
AOC-1

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	CR-CS17	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS18	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS18B	NA	Hexane	1	1	1.4	*Crane*	19 Apr 2002	ND < 5.0	—	—
A	CR-CS19	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	**25**	—	—
A	CR-CS19B	NA	Hexane	1	1	1.4	*Crane*	19 Apr 2002	ND < 5.0	—	—
A	CR-CS20	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS21	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS22	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS23	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS24	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS25	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS26	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS27	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS28	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS29	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS30	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS31	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS32	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS33	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS34	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS35	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS36	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS37	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS38	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS39	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS40	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS41	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS42	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS43	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS44	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS45	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS46	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS47	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	Field Blank 1	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	Field Blank 2	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	Field Blank 3	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	NEM	NA	Oil	1	1	1.4	*Crane*	18 Jul 2001	**6.6**	—	—
A	RS-CS1	NA	Oil	1	1	1.4	*Crane*	21 Mar 2002	ND < 2.0	—	—
A	SEM	NA	Oil	1	1	1.4	*Crane*	18 Jul 2001	**6.6**	—	—

English Station
PCB Analytical Results
AOC-2

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	AOC2-CS2	0–2	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS2	2–4	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS2	5–7	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	0.0–0.25	Asphalt	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	0.25–2.0	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	2–4	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	5–7	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	MW-02	13–17	Soil	2	6	6.1	—	02 Jun 1998	ND < 1.0	6	GEI
A	TB-01	7–8	Soil	2	6	6.1	—	02 Jun 1998	ND < 1.0	6	GEI

English Station
PCB Analytical Results
AOC-3

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	TB-08A	1–3	Soil	3	6	6.1	—	04 Jun 1998	ND < 1.0	6	GEI
A	TB-08B	15–17	Soil	3	6	6.1	—	04 Jun 1998	ND < 1.0	6	GEI
A	TB-08B	9–11	Soil	3	6	6.1	—	04 Jun 1998	ND < 1.0	6	GEI
A	TB-VVVV	0.0–0.3	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-VVVV	0.5–2.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-VVVV	2.5–4.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-WWWW	2.2–2.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-WWWW	2.5–4.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—

English Station
PCB Analytical Results
AOC-5

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	3GP-256	0–0.25	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	0.25–1.25	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	1.25–3.5	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	3.5–5	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	5–8	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	0.0–0.25	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	0.25–1.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	1.0–3.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	3.0–5.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	5.0–7.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-311	0.0–0.3	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	0.3–1.3	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	1.3–1.6	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	1.6–2.5	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	2.5–4.0	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-311	4.0–6.0	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3HA-191	0.5–0.6	Soil	5	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-192	0.1–0.2	Soil	5	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	0.0–0.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	0.3–1.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	1.3–2.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	2.3–4.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	4.3–6.3	Soil	5	3	3.2	—	09 Sep 2004	1.5	4	09-28-2004	ND < 0.5	—	—
A	3TB-093	0.0–0.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-093	0.5–0.8	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-093	0.8–1.8	Soil	5	3	3.2	—	09 Sep 2004	0.81	7	—	NT	1	—
A	3TB-093	2.3–4.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-093	4.3–6.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	0.0–0.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	0.3–1.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	1.3–2.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	2.3–4.3	Soil	5	3	3.2	—	18 Nov 2004	2.1	4	12-23-2004	ND < 0.5	—	—
A	3TB-203	4.3–6.3	Soil	5	3	3.2	—	18 Nov 2004	**17**	3, 4	12-23-2004	ND < 0.5	—	—
A	3TB-204	0.0–0.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	0.3–1.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	1.3–2.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	2.3–3.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	3.3–4.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	4.3–6.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204 **D**	4.3–6.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	5	—	—	—	—
A	3TB-204 **EB**	4.3–6.3	Water	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	GP-05	12	Soil	5	3	3.2	*Remediation*	12 Dec 1997	ND < 1.0	16	—	—	—	UI
—	GP-06A	0–1	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	1–2	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	2–3	Soil	5	3	3.2	—	29 Dec 1997	1.6	16	—	—	—	UI
—	GP-06A	3–4	Soil	5	3	3.2	—	29 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-06A	4–5	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	5–6	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	6–7	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	7–8	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	8–9	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-16	0–4	Soil	5	3	3.2	—	29 Dec 1997	1.7	16	—	—	—	UI
—	GP-16	4–8	Soil	5	3	3.2	—	29 Dec 1997	3.8	16	—	—	—	UI
—	GP-16	8–12	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-16	12–16	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-16	16–20	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-17	8–12	Soil	5	3	3.2	*Remediation*	29 Dec 1997	ND	16	—	—	—	UI
—	GP-17	12–13	Soil	5	3	3.2	*Remediation*	29 Dec 1997	ND	16	—	—	—	UI
—	GP-19	8–12	Soil	5	3	3.2	*Remediation*	30 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-19	12–13	Soil	5	3	3.2	*Remediation*	30 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-20	0–4	Soil	5	3	3.2	—	30 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-20	4–8	Soil	5	3	3.2	—	30 Dec 1997	5	16	—	—	—	UI
—	GP-20	8–12	Soil	5	3	3.2	—	30 Dec 1997	ND	16	—	—	—	UI
—	MW-1	54–58	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI
—	MW-4	59–61	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-1	8–10	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	10–12	Soil	5	3	3.2	*Remediation*	07 Jan 1998	1.1	16	—	—	—	UI
—	MW-1	12–14	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	14–16	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	19–21	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	24–26	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	29–31	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	34–36	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	39–41	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	44–46	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI
—	MW-1	49–51	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI
—	MW-1	64–66	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	MW-2	8–10	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	10–12	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	12–14	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	14–16	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	19–21	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	24–26	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	29–31	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	34–36	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	39–41	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	44–46	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	49–51	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	54–56	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	59–61	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	64–66	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	69–71	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-3	8–10	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	10–12	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	12–14	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	14–16	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	19–21	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	24–26	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	29–31	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	34–36	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	39–41	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	44–46	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	49–51	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	54–56	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	59–61	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	64–66	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	69–71	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-4	8–10	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	10–12	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	12–14	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	14–16	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	19–21	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	24–26	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	29–31	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	34–36	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	39–41	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	44–46	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	49–51	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	54–56	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	64–66	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	69–71	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	A11	0.5	Soil	5	3	3.2	*Remediation*	03 Jun 1998	1.8	16	—	—	—	UI
—	A12	0.5	Soil	5	3	3.2	*Remediation*	02 Jun 1998	8.5	16	—	—	—	UI
—	A13	3.18	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B11	5.68	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2.1	16	—	—	—	UI
—	B11	4.54	Soil	5	3	3.2	*Remediation*	26 Jun 1998	ND	16	—	—	—	UI
—	B12	6.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	2.3	16	—	—	—	UI
—	B12	8.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B12	10.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B12	12.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B13	7.75	Soil	5	3	3.2	*Remediation*	02 Jun 1998	3.6	16	—	—	—	UI
—	B13	9.75	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B13	11.75	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B14	11.21	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	C11	3.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2.2	16	—	—	—	UI
—	C11	5.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	6	16	—	—	—	UI
—	C11	7.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	4.4	16	—	—	—	UI
—	C11	9.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	C11	11.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	C14	12.04	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D10	5.55	Soil	5	3	3.2	*Remediation*	14 Jul 1998	8.5	16	—	—	—	UI
—	D11	1.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	3.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	5.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	7.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	3.2	16	—	—	—	UI
—	D11	9.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	11.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D12	6.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D12	8.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D12	10.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	4.6	16	—	—	—	UI
—	D12	12.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D13	8.84	Soil	5	3	3.2	*Remediation*	02 Jun 1998	4.1	16	—	—	—	UI
—	D13	10.84	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D13	12.34	Soil	5	3	3.2	*Remediation*	02 Jun 1998	3.1	16	—	—	—	UI

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	D14	12.23	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	E10	9.3	Soil	5	3	3.2	*Remediation*	14 Jul 1998	4.3	16	—	—	—	UI
—	E11	8.88	Soil	5	3	3.2	*Remediation*	26 Jun 1998	ND	16	—	—	—	UI
—	E12	7.61	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	E12	9.61	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	E12	11.61	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.3	16	—	—	—	UI
—	E13	9.08	Soil	5	3	3.2	*Remediation*	02 Jun 1998	2.5	16	—	—	—	UI
—	E13	11.08	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.6	16	—	—	—	UI
—	E14	11.86	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	F10	9.22	Soil	5	3	3.2	*Remediation*	14 Jul 1998	2.7	16	—	—	—	UI
—	F11	10.02	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	F11	12.02	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	F11	8.91	Soil	5	3	3.2	*Remediation*	26 Jun 1998	ND	16	—	—	—	UI
—	F12	8.55	Soil	5	3	3.2	*Remediation*	03 Jun 1998	8.8	16	—	—	—	UI
—	F12	10.55	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2.6	16	—	—	—	UI
—	F12	12.05	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2	16	—	—	—	UI
—	F13	8.62	Soil	5	3	3.2	*Remediation*	02 Jun 1998	2.2	16	—	—	—	UI
—	F13	10.62	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.4	16	—	—	—	UI
—	F13	12.12	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	F14	5.23	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.7	16	—	—	—	UI
—	G13	10.77	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.2	16	—	—	—	UI
—	G13	12.27	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	G13	9.72	Soil	5	3	3.2	*Remediation*	22 Jun 1998	1.6	16	—	—	—	UI
—	G14	8.56	Soil	5	3	3.2	*Remediation*	02 Jun 1998	3.8	16	—	—	—	UI
—	G14	10.56	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	G14	12.06	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.9	16	—	—	—	UI
—	GP-20A	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-20A	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-20A	4–6	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-20A	6–8	Soil	5	3	3.2	—	22 Apr 1999	8.2	16	—	—	—	UI
—	GP-20A	8–10	Soil	5	3	3.2	—	22 Apr 1999	1.1	16	—	—	—	UI
—	GP-20A	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	4–6	Soil	5	3	3.2	—	22 Apr 1999	3.8	16	—	NT	—	UI
A	GP-30	6–8	Soil	5	3	3.2	—	22 Apr 1999	5.4	16	—	NT	—	UI
A	GP-30	8–10	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	4–6	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	6–8	Soil	5	3	3.2	—	22 Apr 1999	7.1	16	—	—	—	UI
—	GP-31	8–10	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-32	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-32	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-32	4–6	Soil	5	3	3.2	—	22 Apr 1999	1.2	16	—	—	—	UI
—	GP-32	6–8	Soil	5	3	3.2	—	22 Apr 1999	8.7	16	—	—	—	UI
—	GP-32	8–10	Soil	5	3	3.2	—	22 Apr 1999	2.6	16	—	—	—	UI
—	GP-32	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	10–11	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	4–6	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	6–8	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	8–10	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-35	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-35	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-36	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-36	2–4	Soil	5	3	3.2	—	22 Apr 1999	1.5	16	—	—	—	UI
—	GP-38	0–2	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-38	2–4	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-38	4–6	Soil	5	3	3.2	—	23 Apr 1999	2.5	16	—	—	—	UI
—	GP-38	6–8	Soil	5	3	3.2	—	23 Apr 1999	6.3	16	—	—	—	UI
—	GP-39	0–2	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-39	2–4	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-39	4–6	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-39	6–8	Soil	5	3	3.2	—	23 Apr 1999	2.6	16	—	—	—	UI
A	GP-41	0–2	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	10–12	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	2–4	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	4–6	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	6–8	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	8–10	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	MW-50	0–2	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-50	10–12	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-50	2–4	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	MW-50	4–6	Soil	5	3	3.2	—	12 Oct 1999	1.4	16	—	NT	—	UI
A	MW-50	8–10	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	0–2	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	10–12	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	2–4	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	4–6	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	6–8	Soil	5	3	3.2	—	12 Oct 1999	1.7	16	—	NT	—	UI
A	MW-51	8–10	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	0–2	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	2–4	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	4–6	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	6–8	Soil	5	3	3.2	—	12 Oct 1999	2.6	16	—	—	—	UI
—	MW-53	8–10	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	10–12	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	TB-S	0–1	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-S	10–12	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-S	2.0–3.3	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-S	5–7	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	0–2	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	10–12	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	2–4	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	5–7	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	3HA-628	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-633	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	10	E, S	—	—	—	—
A	3HA-634	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	4.5	S	—	—	—	—
A	3HA-636	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-639	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-640	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	1.9	FD	—	—	—	—
A	3HA-641	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	2.1	FD, LD	—	—	—	—
A	3HA-641	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	2.0	FD, LD	—	—	—	—
A	3HA-643	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-644	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	0.30	—	—	—	—	—
A	3HA-645	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-646	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-647	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	0.45	—	—	Not recv'd	—	—
A	3HA-648	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-649	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	0.32	—	—	—	—	—
A	3HA-650	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	BW-600	NA	Water	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.50	**EB**	—	—	—	—
A	3SW-600	Surface	Water	5	3	3.2	*@ Track A*	04 Dec 2007	***1.6***	—	—	—	—	—
A	3HA-703	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	1.7	—	—	—	—	—
A	3HA-704	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	—	—	—	—	—
B	3HA-705	2–2.25	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.30	—	—	—	—	—
B	3HA-706	2–2.25	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	0.57	—	08-Jan-08	ND < 0.5	—	—
B	3HA-707	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	—	—	—	—	—
B	3HA-708	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	FD	—	—	—	—
B	3HA-709	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	FD, LD	—	—	—	—
B	3HA-709	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	FD, LD	—	—	—	—

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	3CO-066	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-066 **D**	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3, 5	—	—	—
—	3CO-067	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-068	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-069	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-070	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-071	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-072	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-073	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-074	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-075	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
A	3CO-178	½ inch	Concrete	6	3	3.1	*CP#3*	16 Dec 2004	ND < 0.50	—	—	—	—
A	3CO-179	½ inch	Concrete	6	3	3.1	*CP#3*	16 Dec 2004	ND < 0.50	—	—	—	—
—	3CO-180	½ inch	Concrete	6	3	3.1	*CP#2*	16 Dec 2004	ND < 0.50	—	—	—	—
—	3CO-181	½ inch	Concrete	6	3	3.1	*CP#2*	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	0.0–0.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	0.3–1.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	1.3–3.0	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	3–5	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	5–7	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	0.0–0.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	0.3–1.3	Soil	6	3	3.1	—	16 Dec 2004	6.6	4	01-06-2005	ND < 0.50	—
—	3GP-244	1.3–3.0	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	3–5	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	5–7	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244 **D**	0.3–1.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	5	—	—	—
—	3GP-244 **EB**	0.3–1.3	Water	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3HA-104	0.0–0.5	Soil	6	3	3.1	—	25 Oct 2004	ND < 0.50	—	—	—	—
—	3HA-104	0.5–1.0	Soil	6	3	3.1	—	25 Oct 2004	ND < 0.50	—	—	—	—
—	3HA-104	1.0–1.5	Soil	6	3	3.1	—	25 Oct 2004	ND < 1.5	3	—	—	—
—	3HA-104	1.5–2.0	Soil	6	3	3.1	—	25 Oct 2004	ND < 0.50	—	—	—	—
—	3HA-133	0.0–0.25	Soil	6	3	3.1	—	08 Nov 2004	1.7	4	12-01-2004	ND < 0.50	—
—	3HA-133	0.25–0.5	Soil	6	3	3.1	—	08 Nov 2004	2.2	4	12-01-2004	ND < 0.50	—
—	3HA-133	0.5–1.5	Soil	6	3	3.1	—	08 Nov 2004	2	4	12-01-2004	ND < 0.50	—
—	3HA-134	0.0–0.25	Soil	6	3	3.1	—	08 Nov 2004	2.6	4	12-01-2004	ND < 0.50	—
—	3HA-134	0.25–0.5	Soil	6	3	3.1	—	08 Nov 2004	3.8	4	12-01-2004	ND < 0.50	—
—	3HA-134	0.5–1.5	Soil	6	3	3.1	—	08 Nov 2004	3.3	4	12-01-2004	ND < 0.50	—
—	3TB-099	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	3.3	4	09-29-2004	ND < 0.50	—
—	3TB-099	1.0–1.3	Soil	6	3	3.1	—	10 Sep 2004	**25**	3, 7	NA	NA	—
—	3TB-099	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 1.0	3	—	—	—
—	3TB-099	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-099	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-105	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-105	2.0–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 1.0	3	—	—	—
—	3TB-105	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-105	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	0.79	7	NA	NA	—
—	3TB-106	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	0.65	7	NA	NA	—
—	3TB-106	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	1.6	4	09-29-2004	ND < 0.50	—
—	3TB-107	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	2.3–4.3 **D**	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	5	—	—	—
—	3TB-107	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107 **EB**	2.3–4.3	Water	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	1.7	4	09-29-2004	ND < 0.50	—
—	3TB-108	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	2.3–2.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	2.6–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	1.3–1.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	3TB-110	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	8.3–10.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	0.3–2.0	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	0.3–2.0 **D**	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	5	—	—	—
—	3TB-111	2.0–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111 **EB**	0.3–2.0	Water	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	0.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	2.3–2.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	2.6–3.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-113	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	**36**	3, 7, 13	NA	NA	—
—	3TB-113	0.3–2.0	Soil	6	3	3.1	—	10 Sep 2004	1.3	4, 13	09-29-2004	ND < 0.50	—
—	3TB-113	2.0–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-113	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	2.1	4, 13	09-29-2004	ND < 0.50	—
—	3TB-113	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-113	8.3–10.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-181	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-181	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-181	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-181	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-181	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-182	0.0–0.3	Soil	6	3	3.1	—	17 Nov 2004	1.96	4	12-20-2004	ND < 0.50	—
—	3TB-182	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	0.56	4	12-20-2004	ND < 0.50	—
—	3TB-182	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-182	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-182	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	5.03	4, 15	12-20-2004	ND < 0.50	—
—	3TB-183	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	3.3	4	12-20-2004	ND < 0.50	—
—	3TB-183	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183 **D**	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	5	—	—	—
—	3TB-183 **EB**	1.3–2.3	Water	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-184	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-184	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	3.2	4	12-14-2004	ND < 0.50	—
—	3TB-184	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	**13**	4	12-14-2004	ND < 0.50	—
—	3TB-184	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-184	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-185	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-185	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-185	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	8.7	4	12-14-2004	ND < 0.50	—
—	3TB-185	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-185	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	0.72	—	—	—	—
—	3TB-186	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-186	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1.5	4	12-14-2004	ND < 0.50	—
—	3TB-186	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-186	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-186	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-187	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1.3	4	12-14-2004	ND < 0.50	—
—	3TB-187	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187 **D**	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	0.76	4, 5	12-14-2004	ND < 0.50	—
—	3TB-187 **EB**	1.3–2.3	Water	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-188	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-188	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1	4	12-14-2004	ND < 0.50	—
—	3TB-188	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-188	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-188	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-189	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-189	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	3	4	12-14-2004	ND < 0.50	—
—	3TB-189	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-189	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-189	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-190	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-190	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	**20**	3, 4	12-14-2004	ND < 0.50	—

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	3TB-190	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-190	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 1.0	3	—	—	—
—	3TB-190	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	1.1	3, 15	—	—	—
—	3TB-193	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1.9	3, 4	12-15-2004	ND < 0.50	—
—	3TB-193	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	2.3–3.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	3.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193 **D**	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	5	—	—	—
—	3TB-193 **EB**	1.3–2.3	Water	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	A-1 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	A-2 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	0.73	—	—	—	—
—	A-3 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	0.54	—	—	—	—
—	A-4 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**1.7**	—	—	—	—
—	A-5 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**17**	—	—	—	—
—	A-6 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**55**	—	—	—	—
—	A-7 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.1**	—	—	—	—
—	AOC6-CS05	0–2	Soil	6	3	3.1	—	30 Jan 2002	ND < 0.50	—	—	—	—
—	AOC6-CS06	0–2	Soil	6	3	3.1	—	30 Jan 2002	ND < 0.50	—	—	—	—
—	AOC6-CS07	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS08	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	2	—	—	—	—
—	AOC6-CS09	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS10	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS11	1.0–1.3	Soil	6	3	3.1	—	08 May 2002	0.68	—	—	—	—
—	AOC6-CS12	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	1.4	—	—	—	—
—	AOC6-CS13	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	4.8	—	—	—	—
—	AOC6-CS13a	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS14	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	4.4	—	—	—	—
—	AOC6-CS15	2.0–2.3	Soil	6	3	3.1	—	08 May 2002	1.6	—	—	—	—
—	AOC6-CS16	2.3–2.6	Soil	6	3	3.1	—	08 May 2002	1.1	—	—	—	—
—	AOC6-CS17	2.3–2.6	Soil	6	3	3.1	—	08 May 2002	2.2	—	—	—	—
—	B-1 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	B-2 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	B-3 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	B-4 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**1.2**	—	—	—	—
—	B-5 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	0.92	—	—	—	—
—	B-6 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**240**	—	—	—	—
—	B-7 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**40**	—	—	—	—
—	B-8 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**3.5**	—	—	—	—
—	C-1 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-2 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-3 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-4 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-5 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**12.2**	—	—	—	—
—	C-6 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**94**	—	—	—	—
—	C-7 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**25**	—	—	—	—
—	C-8 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**1.8**	—	—	—	—
—	Cap2-A	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
—	Cap2-B	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
—	Cap2-C	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
—	Cap2-D	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-A	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-B	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-C	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-D	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
—	CS-1	(Chip)	Concrete	6	3	3.1	*CP#1*	11 Jun 1998	**3**	6	—	—	GEI
—	CS-2	(Chip)	Concrete	6	3	3.1	*CP#1*	11 Jun 1998	**10**	6	—	—	GEI
—	CS-3	(Scraping)	Concrete	6	3	3.1	*CP#2*	11 Jun 1998	ND < 0.50	6	—	—	GEI
A	CS-4	(Scraping)	Concrete	6	3	3.1	*CP#3*	11 Jun 1998	ND < 0.50	6	—	—	GEI
—	D-1 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**1.8**	—	—	—	—
—	D-2 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	0.52	—	—	—	—
—	D-3 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.3**	—	—	—	—
—	D-4 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.9**	—	—	—	—
—	D-5 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**8.2**	—	—	—	—
—	D-6 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**7.7**	—	—	—	—
—	D-7 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**10**	—	—	—	—
—	D-8 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.1**	—	—	—	—
—	**EB**-07	NA	Water	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 12	9	—	—	—
—	TB-XXX	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	NA	4	05-13-2002	ND < 0.50	—
—	TB-XXX	0.3–1.3	Soil	6	3	3.1	—	08 May 2002	NA	4	05-13-2002	ND < 0.50	—
A	PCB-11	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
A	PCB-12	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	PCB-13	0.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-14	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-15	0.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-16	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-18	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-18A	2	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-19	0.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-19A	2.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	SS-03	0.0–0.3	Soil	6	3	3.1	—	30 Mar 2000	ND < 1.0	6	—	—	GEI
—	SS-G	0.5–1.0	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
—	SS-H	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	0.63	—	—	—	—
—	SS-I	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
—	SS-J	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
—	SS-K	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
A	SS-PP	0.0–0.3	Soil	6	3	3.1	—	04 Apr 2002	ND < 0.50	—	—	—	—
A	SS-PP	1.0–1.3	Soil	6	3	3.1	—	04 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	0.0–0.3	Soil	6	3	3.1	—	02 Apr 2002	1.5	7	—	—	—
—	TB-XXX	0.3–1.3	Soil	6	3	3.1	—	02 Apr 2002	1.2	7	—	—	—
—	TB-XXX	10–12	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	15–16	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	16–17	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	2.3–4.3	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	4.3–6.3	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5GP-015	0.0–0.3	Asphalt	7	5	5.3	—	16 Dec 2004	1	—	—	—	—	—
—	5GP-015	0.3–1.3	Soil	7	5	5.3	—	16 Dec 2004	0.91	4	01-04-2005	ND < 0.5	—	—
—	5GP-015	1.3–3.0	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-015	3–4	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	0.0–0.3	Asphalt	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	0.3–1.3	Soil	7	5	5.3	—	16 Dec 2004	1.5	4	01-11-2005	ND < 0.5	—	—
—	5GP-016	1.3–3.0	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	3–5	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	5–7	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-024	0.0–0.3	Asphalt	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-024	0.3–1.3	Soil	7	5	5.3	—	16 Dec 2004	0.7	4	01-11-2005	ND < 0.5	—	—
—	5GP-024	1.3–2.3	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-024	2.3–4.0	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-017	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	**2.6**	3	—	—	—	—
—	5TB-017	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-017	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-017	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	2.3	3, 4	09-17-2004	ND < 0.5	—	—
—	5TB-018	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	ND < 2.0	3	—	—	—	—
—	5TB-018	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-018	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-018	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-019	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-019	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-019	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-019	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	**14**	3, 4	09-17-2004	ND < 0.5	—	—
—	5TB-020	0.0–0.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-020	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-020	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-020	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-021	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	**1.1**	3	—	—	—	—
—	5TB-021	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-021	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-021	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-022	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	**1.6**	3	—	—	—	—
—	5TB-022	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	0.63	7	NA	NA	1	—
—	5TB-022	0–5	Soil	7	5	5.3	—	03 Sep 2004	2	4	09-17-2004	ND < 0.5	—	—
—	5TB-022	1.3–2.3	Soil	7	5	5.3	—	03 Sep 2004	5.1	4	09-17-2004	ND < 0.5	—	—
—	5TB-023	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	0.61	7	—	—	—	—
—	5TB-023	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	5.4	4	09-17-2004	ND < 0.5	—	—
—	5TB-023	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	4.9	4	09-27-2004	ND < 0.5	—	—
—	5TB-023	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	7.9	4	09-27-2004	ND < 0.5	—	—
—	5TB-170	0.0–0.3	Stone	7	5	5.3	—	16 Nov 2004	1.1	15	—	—	—	—
—	5TB-170	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-170	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-170	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-170	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	0.0–0.3	Soil	7	5	5.3	—	16 Nov 2004	**43**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-171	0.3–0.8	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	0.8–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	2.3–3.3	Soil	7	5	5.3	—	16 Nov 2004	4.2	4	12-16-2004	ND < 0.5	—	—
—	5TB-171	3.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	4.1	4	12-16-2004	ND < 0.5	—	—
—	5TB-171 **D**	0.8–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-171 **EB**	0.8–2.3	Water	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-172	0.0–0.3	Asphalt	7	5	5.3	—	16 Nov 2004	**2**	3	—	—	—	—
—	5TB-172	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-172	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-172	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	3.8	4	12-16-2004	ND < 0.5	—	—
—	5TB-172	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	0.63	4	12-16-2004	ND < 0.5	—	—
—	5TB-173	0.0–0.3	Asphalt	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-173	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-173	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-173	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	**11**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-173	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	**15**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-174	0.0–0.3	Soil	7	5	5.3	—	16 Nov 2004	0.58	4	12-16-2004	ND < 0.5	—	—
—	5TB-174	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-174	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-174	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	1.1	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-221	0.0–0.3	Asphalt	7	5	5.3	—	19 Nov 2004	0.53	—	—	—	—	—
—	5TB-221	0.3–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	0.0–0.3	Asphalt	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	0.3–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	2.0–2.5	Soil	7	5	5.3	—	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	4.0–4.3	Soil	7	5	5.3	—	02 Dec 2004	0.69	4	12-22-2004	ND < 0.5	—	—
—	5TB-223	0.0–0.3	Soil	7	5	5.3	—	19 Nov 2004	3.6	4	12-22-2004	ND < 0.5	—	—
—	5TB-223	0.3–0.8	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-223	0.8–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-224	0.0–0.3	Asphalt	7	5	5.3	—	19 Nov 2004	**5.2**	—	—	—	—	—
—	5TB-224	0.3–0.8	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-224	0.8–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	MW-21	15–17	Soil	7	5	5.3	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-AAAAAA	0.0–0.3	Soil	7	5	5.3	—	22 Jul 2002	1.4	4	08-01-2002	ND < 0.5	—	—
—	TB-AAAAAA	0.3–2.3	Soil	7	5	5.3	—	22 Jul 2002	5.7	4	08-01-2002	ND < 0.5	—	—
—	TB-AAAAAA	10–12	Soil	7	5	5.3	—	22 Jul 2002	2.9	—	—	—	—	—
—	TB-AAAAAA	2.3–4.3	Soil	7	5	5.3	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	0.0–0.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	0.3–1.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	1.3–2.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	5–7	Soil	7	5	5.3	—	18 Jul 2002	9.7	—	—	—	—	—
—	TB-OOOOO	15–16	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	2.3–4.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	10–12	Soil	7	5	5.3	—	18 Jul 2002	0.71	—	—	—	—	—
—	5CO-019	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-019 **dup**	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	5	—	—	—	—
—	5CO-020	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-021	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-022	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-023	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-024	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-025	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-026	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-027	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-028	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	0.51	—	—	—	—	—
—	5CO-029	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	**3.9**	—	—	—	—	—
—	5CO-030	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-031	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	0.53	—	—	—	—	—
—	5CO-032	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	0.88	—	—	—	—	—
—	5CO-033	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-034	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-035	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-036	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-037	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	**3.2**	—	—	—	—	—
—	5CO-038	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	**3.8**	—	—	—	—	—
—	5CO-039	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-039 **dup**	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	5	—	—	—	—
—	5CO-040	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-112	½ inch	Concrete	7	5	5.4	*Hatch*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5CO-502	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5HA-235	0.0–0.3	Soil	7	5	5.4	—	14 Dec 2004	1.6	—	—	—	—	—
—	5HA-236	0.0–0.3	Soil	7	5	5.4	—	14 Dec 2004	0.55	—	—	—	—	—
—	5HA-236	2.0–2.5	Soil	7	5	5.4	—	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-025	3.3–5.3 **D**	Soil	7	5	5.4	—	03 Sep 2004	1.1	5, 7	NA	NA	1	—
—	5TB-025	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	**1.5**	7	—	—	—	—
—	5TB-025	0.3–1.3	Soil	7	5	5.4	—	03 Sep 2004	1.6	4	09-27-2004	ND < 0.5	—	—
—	5TB-025	1.3–3.3	Soil	7	5	5.4	—	03 Sep 2004	1.1	7	NA	NA	1	—
—	5TB-025	3.3–5.3	Soil	7	5	5.4	—	03 Sep 2004	1.1	4	09-27-2004	ND < 0.5	—	—
—	5TB-025 **EB**	3.3–5.3	Water	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-027	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	0.51	7	—	—	—	—
—	5TB-027	0.3–2.3	Soil	7	5	5.4	—	03 Sep 2004	**20**	3, 7	NA	NA	1	—
—	5TB-027	2.3–4.3	Soil	7	5	5.4	—	03 Sep 2004	**14**	3, 4	09-27-2004	ND < 0.5	—	—
—	5TB-027	4.3–6.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-029	0.0–0.3	Asphalt	7	5	5.4	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-029	0.3–1.3	Soil	7	5	5.4	—	16 Nov 2004	**63**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-029	4.0–4.5	Soil	7	5	5.4	—	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-029 **D**	2.0–2.5	Soil	7	5	5.4	—	02 Dec 2004	2.93	4, 5	12-22-2004	ND < 0.5	—	—
—	5TB-029 **EB**	2.0–2.5	Water	7	5	5.4	—	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-030	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	ND < 5.0	3	—	—	—	—
—	5TB-030	0.3–1.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-030	1.3–2.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-030	4.3–6.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	0.0–0.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	0.3–1.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	1.3–3.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	3.3–5.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-601	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	0.88	7	—	—	—	—
—	5TB-601	0.3–2.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-601	2.3–4.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	AST-1	1–2	Soil	7	5	5.4	—	11 Jun 1998	2	6	—	—	—	GEI
—	**EB**-03	NA	Water	7	5	5.4	*P09*	03 Aug 2004	ND < 10	9	—	—	—	—
—	**EB**-04	NA	Water	7	5	5.4	—	04 Aug 2004	ND < 10	9	—	—	—	—
—	5SD-009	0.0–0.3	Sediment	7	5	5.4	*Pipe trench*	29 Oct 2004	ND < 2.0	3	—	—	—	—
—	5TB-029	2.0–2.5	Soil	7	5	5.4	—	02 Dec 2004	0.74	4	12-22-2004	ND < 0.5	—	—
—	TB-223	3.5–3.8	Soil	7	5	5.4	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-224	1.0–1.3	Soil	7	5	5.4	—	31 Mar 2000	5	6	—	—	—	GEI

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	TB-224	2–3	Soil	7	5	5.4	—	31 Mar 2000	7	6	—	—	—	GEI
—	TB-225	1.7–2.0	Soil	7	5	5.4	—	31 Mar 2000	**14**	6	—	—	—	GEI
—	TB-225	3.7–4.0	Soil	7	5	5.4	—	31 Mar 2000	4	6	—	—	—	GEI
—	TB-BBBBBB	0.0–0.3	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	0.3–2.3	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	10–12	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	2.3–4.3	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	5–7	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	5AS-008	½ inch	Asphalt	7	5	5.5	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	5AS-009	½ inch	Asphalt	7	5	5.5	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	5AS-010	½ inch	Asphalt	7	5	5.5	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	5CO-111	½ inch	Concrete	7	5	5.5	—	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5CO-148	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-149	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-150	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-151	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5GP-253	0.0–0.3	Soil	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-253	0.3–1.3	Soil	7	5	5.5	—	16 Dec 2004	0.84	4	01-04-2005	ND < 0.5	—	—
—	5GP-253	1.3–3.0	Soil	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-253	3–5	Soil	7	5	5.5	—	16 Dec 2004	1.4	4	01-04-2005	ND < 0.5	—	—
—	5GP-253	5–7	Soil	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-253 **D**	1.3–3.0	Soil	7	5	5.5	—	16 Dec 2004	1.19	4, 5	01-04-2005	ND < 0.5	—	—
—	5GP-253 **EB**	1.3–3.0	Water	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-032	0.0–0.3	Stone	7	5	5.5	—	03 Sep 2004	ND < 0.50	15	—	—	—	—
—	5TB-032	2.0–2.3	Soil	7	5	5.5	—	03 Sep 2004	**57**	3, 4	09-27-2004	ND < 0.5	—	—
—	5TB-032	2.3–4.3	Soil	7	5	5.5	—	03 Sep 2004	**14**	3, 4	09-27-2004	ND < 0.5	—	—
—	5TB-032	4.3–6.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-033	0.0–0.3	Stone	7	5	5.5	—	03 Sep 2004	0.76	4, 15	09-27-2004	ND < 0.5	—	—
—	5TB-033	1.3–2.3	Soil	7	5	5.5	—	03 Sep 2004	0.83	4	09-27-2004	ND < 0.5	—	—
—	5TB-033	4.3–5.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-033	5.3–6.3	Soil	7	5	5.5	—	03 Sep 2004	0.77	4	09-27-2004	ND < 0.5	—	—
—	5TB-034	0.0–0.3	Stone	7	5	5.5	—	03 Sep 2004	ND < 0.50	15	—	—	—	—
—	5TB-034	0.3–1.3	Soil	7	5	5.5	—	03 Sep 2004	0.89	7	NA	NA	1	—
—	5TB-034	2.3–3.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-034	3.3–4.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-034	4.3–6.3	Soil	7	5	5.5	—	03 Sep 2004	0.94	7	NA	NA	1	—
—	5TB-035	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-035	4.3–6.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-035	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-035	6.3–8.3 **D**	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-035 **EB**	6.3–8.3	Water	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	2.3–2.6	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	2.6–4.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 1.3	3	—	—	—	—
—	5TB-037	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	0.3–0.6	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	0.3–0.6 **D**	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-037	0.6–2.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	2.3–4.3	Soil	7	5	5.5	—	07 Sep 2004	3.4	4	09-27-2004	ND < 0.5	—	—
—	5TB-037	4.3–6.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037 **EB**	0.3–0.6	Water	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	0.0–0.3	Stone	7	5	5.5	—	16 Nov 2004	ND < 0.50	15	—	—	—	—
—	5TB-164	0.3–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	1.3–2.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	2.3–3.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	3.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	0.0–0.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	0.3–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	1.3–2.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	2.3–3.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	3.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165 **D**	2.3–3.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-165 **EB**	2.3–3.3	Water	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	0.0–0.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	0.3–0.8	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	0.8–2.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	2.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-167	0.0–0.3	Asphalt	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-167	0.3–0.8	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-167	0.8–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-168	0.0–0.3	Stone	7	5	5.5	—	16 Nov 2004	ND < 0.50	15	—	—	—	—
—	5TB-168	2.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	3.3	4	12-16-2004	ND < 0.5	—	—

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-168	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	**34**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-169	0.0–0.3	Asphalt	7	5	5.5	—	16 Nov 2004	0.62	—	—	—	—	—
—	5TB-169	0.3–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-226	0.0–0.3	Soil	7	5	5.5	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-226	0.3–1.3	Soil	7	5	5.5	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-226	1.3–2.3	Soil	7	5	5.5	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-501	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-501	0.3–2.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	4.0–4.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	4.3–5.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	5.3–7.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	7.3–9.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	9.3–11.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	3.3–4.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	4.3–4.6	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	4.6–6.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	C1	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C2	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C3	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C4	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C5	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	GH4-S1	6.0–6.3	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-E1	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	1.0	—	—	—	—	—
—	GH4-E2	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	0.82	—	—	—	—	—
—	GH4-E3	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	0.74	—	—	—	—	—
—	GH4-N1	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	8.0	3	—	—	—	—
—	GH4-N2	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	5.5	—	—	—	—	—
—	GH4-S1	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	**11**	3	—	—	—	—
—	GH4-S1	8.0–8.3 E	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S1	8.0–8.3 W	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S1 **Dup.**	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	7.4	3, 5	—	—	—	—
—	GH4-S2	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	1.0	—	—	—	—	—
—	GH4-S3	6.0–6.3	Soil	7	5	5.5	—	14 Apr 2003	5.1	—	—	—	—	—
—	GH4-S3	8.0–8.3	Soil	7	5	5.5	—	14 Apr 2003	7.0	—	—	—	—	—
—	GH4-S3	2.0–2.3	Soil	7	5	5.5	—	10 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S4	2.0–2.3	Soil	7	5	5.5	—	10 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S5	6.0–6.3	Soil	7	5	5.5	—	14 Apr 2003	4.1	—	—	—	—	—
—	GH4-S5	8.0–8.3	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S3	4.0–4.3	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S6	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S5	4.0–4.3	Soil	7	5	5.5	—	14 Apr 2003	0.52	—	—	—	—	—
—	SS-QQ	NA	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-CCCCCC	10–12	Soil	7	5	5.5	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-CCCCCC	5–7	Soil	7	5	5.5	—	22 Jul 2002	1.3	4	08-01-2002	ND < 0.5	—	—
—	TB-NNNNN	0.0–0.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	0.3–1.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	1.3–2.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	2.3–4.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	5–7	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	5CO-118	½ inch	Concrete	7	5	5.6	*Hatch*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5HA-237	0–2	Stone	7	5	5.6	*Bulkhead*	14 Dec 2004	ND < 0.50	15	—	—	—	—
—	5HA-238	1.0–1.3	Soil	7	5	5.6	*Bulkhead*	14 Dec 2004	1.8	—	—	—	—	—
—	5HA-238	1.3–1.8	Soil	7	5	5.6	*Bulkhead*	14 Dec 2004	1.2	—	—	—	—	—
—	5HA-238	1.8–2.3	Soil	7	5	5.6	*Bulkhead*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5SD-002	Surface	Sediment	7	5	5.6	*Pipe trench*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	0.3–1.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	1.3–3.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	3.3–5.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	5.3–7.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	2.3–3.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	3.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	6.3–7.8	Stone	7	5	5.6	—	07 Sep 2004	ND < 0.50	15	—	—	—	—
—	5TB-041	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-041	2.3–3.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-041	3.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-041	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-041	6.3–8.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-042	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042	0.3–2.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042	2.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042	2.3–4.3 **D**	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	5	—	—	—	—

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-042	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042 **EB**	2.3–4.3	Water	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	0.3–1.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	1.3–2.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	2.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	0.0–0.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-044	0.3–1.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	1.3–2.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	2.3–4.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	4.3–6.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	6.3–8.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	A-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	D-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	D-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.8	—	—	—	—	—
—	D-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.59	—	—	—	—	—
—	D-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	D-5 [P08] **dup**	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	5	—	—	—	—
—	D-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.85	—	—	—	—	—
—	E-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	**EB**-1 [P08]	NA	Water	7	5	5.6	*P08*	27 Aug 2002	ND < 10	—	—	—	—	—
—	**EB**-2 [P08]	NA	Water	7	5	5.6	*P08*	27 Aug 2002	ND < 10	—	—	—	—	—
—	F-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	F-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	F-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.53	—	—	—	—	—
—	F-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	F-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-1	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-2	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-3	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.53	—	—	—	—	—
—	H-4	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-5	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-5 **dup**	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	5	—	—	—	—
—	I-1	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-2	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-3	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-4	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-5	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	MW-17D	26–28	Soil	7	5	5.6	—	10 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	MW-17S	4–6	Soil	7	5	5.6	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	SS-04	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	3	6	—	—	—	GEI
—	SS-05	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	2	6	—	—	—	GEI
—	SS-06	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	1	6	—	—	—	GEI
—	SS-08	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	1	6	—	—	—	GEI
—	SS-1D	0.5	Soil	7	5	5.6	—	19 Jun 1998	**14**	6	—	—	—	GEI
—	SS-1S	NS	Soil	7	5	5.6	—	19 Jun 1998	1	6	—	—	—	GEI
—	TB-21	0–2	Soil	7	5	5.6	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-219	3.0–3.3	Soil	7	5	5.6	*P08*	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-219	7.0–7.3	Soil	7	5	5.6	*P08*	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-220	1.5–1.8	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-220	3.5–3.8	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-220	5.0–5.3	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-221	5.0–5.3	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	TB-222	1.7–2.0	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-222	5.9–6.2	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-DDDDDD	0.0–0.3	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	0.3–2.3	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	10–12	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	2.3–4.3	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	5–7	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	Z-1	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	Z-2	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-8

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5HA-049	0.7–1.0	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	0.88	4	11-01-2004	ND < 0.50	—	—
—	5HA-049	1.0–2.0	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-050	1.0–1.5	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	1.3	4	11-01-2004	ND < 0.50	—	—
—	5HA-050	1.5–2.3	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-051	1.5–1.8	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-051	1.8–2.3	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-052	1.5–1.8	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-052	1.8–2.3	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	SS-07	0.0–0.3	Soil	8	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	SS-RR	0.3–0.5	Soil	8	5	5.6	—	19 Jul 2002	1.0	4	08-01-2002	ND < 0.50	—	—
—	TB-MMMMM	0.0–0.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	0.3–1.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	1.3–2.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	10–12	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	2.3–4.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	5–7	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	5PP-003	NA	Oil	8	5	5.7	*TK02*	04 Nov 2004	ND < 5.0	3	—	—	—	—
—	5PP-001	NA	Oil	8	5	5.7	*TK01*	04 Nov 2004	ND < 5.0	3	—	—	—	—
—	5AS-020	0.0–0.5	Asphalt	8	5	5.7	—	23 Nov 2004	**3.2**	3	—	—	—	—
—	5CO-110	½ inch	Concrete	8	5	5.7	*P25*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5CO-114	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-115	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-116	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	0.9	—	—	—	—	—
—	5CO-117	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	ND < 2.0	3	—	—	—	—
—	5CO-162	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-163	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-164	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-164 **D**	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	5	—	—	—	—
—	5CO-164 **EB**	NA	Water	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-165	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-166	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-167	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-168	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-169	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-170	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-171	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-172	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-173	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-174	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-175	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-505	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-506	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 1.0	3	—	—	—	—
—	5CO-507	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 1.0	3	—	—	—	—
—	5CO-508	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-251	0.0–0.3	Asphalt	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-251	0.3–1.3	Soil	8	5	5.7	—	16 Dec 2004	2.2	—	—	—	—	—
—	5GP-251	1.3–3.0	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	4	01-04-2005	ND < 0.50	—	—
—	5GP-251	3–4	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	0.0–0.3	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	0.3–1.3	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	1.3–3.0	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	3–4	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5HA-053	2.0–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-053	2.3–2.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-054	1.7–2.0	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	10	4	11-01-2004	ND < 0.50	—	—
—	5HA-054	2.0–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-055	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	4.9	4	11-01-2004	0.67	—	—
—	5HA-055	1.8–2.5	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-056	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	2.9	4	11-01-2004	ND < 0.50	—	—
—	5HA-056	1.8–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-056 **D**	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	2.6	4, 5	11-01-2004	ND < 0.50	—	—
—	5HA-056 **EB**	1.8–2.3	Water	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-057	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**32**	3, 4	11-01-2004	1.4	—	—
—	5HA-057	1.8–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	0.78	4	11-01-2004	ND < 0.50	—	—
—	5HA-058	1.0–1.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**190**	3, 4	11-01-2004	**16**	2	—
—	5HA-058	1.3–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**1,800**	3, 4, 14	11-01-2004	**22**	2	—
—	5HA-059	0.5–0.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	5.2	4	11-01-2004	ND < 0.50	—	—
—	5HA-059	0.8–1.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**620**	3, 4, 14	11-01-2004	ND < 0.50	—	—
—	5HA-119	0.3–0.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	0.51	4	11-22-2004	ND < 0.50	—	—
—	5HA-119	0.5–1.0	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	0.57	4	11-22-2004	ND < 0.50	—	—
—	5HA-119	1.0–1.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-119	1.5–2.0	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-120	0.3–0.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	6.6	4	11-22-2004	ND < 0.50	—	—
—	5HA-120	0.5–1.0	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	1.4	4	11-22-2004	ND < 0.50	—	—
—	5HA-120	1.0–1.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	2.3	4	11-22-2004	ND < 0.50	—	—
—	5HA-144	0.0–0.25	Soil	8	5	5.7	*Bulkhead*	09 Nov 2004	**13,000**	3, 4, 12, 14	12-10-2004	**160**	2	—
—	5HA-144	0.5–0.75	Soil	8	5	5.7	*Bulkhead*	09 Nov 2004	**7,000**	3, 4, 12, 14	12-10-2004	1.0	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5HA-144	0.75–1.5	Soil	8	5	5.7	*Bulkhead*	09 Nov 2004	**360**	3, 4, 14	12-10-2004	0.62	—	—
—	5HA-232	0.0–0.25	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	**310**	3, 4, 14	12-22-2004	ND < 0.50	—	—
—	5HA-232	0.25–1.25	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	8.3	4	12-22-2004	ND < 0.50	—	—
—	5HA-233	0.25–0.5	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	0.99	4	12-22-2004	ND < 0.50	—	—
—	5HA-233	0.5–1.5	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5SD-003	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	01 Sep 2004	**37**	3	—	—	—	—
—	5SD-004	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	01 Sep 2004	**130**	3	—	—	—	—
—	5SD-005	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	01 Sep 2004	**4.1**	3	—	—	—	—
—	5SD-008	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	29 Oct 2004	**3.3**	4	11-22-2004	ND < 0.50	—	—
—	5HX-024	NA	Hexane	8	5	5.7	*Foam house*	23 Nov 2004	ND < 5.0	3	—	—	—	—
—	5XX-004	NA	Misc. liquid	8	5	5.7	*Foam house*	23 Nov 2004	ND < 4.0	3	—	—	—	—
—	5TB-060	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	0.3–1.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	1.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	1.3–2.3 **D**	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-060	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060 **EB**	1.3–2.3	Water	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-061	0.3–1.3	Soil	8	5	5.7	—	08 Sep 2004	0.67	7	NA	NA	1	—
—	5TB-061	1.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-062	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-063	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	**6.3**	3	—	—	—	—
—	5TB-063	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	0.6	7	NA	NA	1	—
—	5TB-063	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-063	4.3–5.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-063	5.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-063	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-064	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-064	4.3–5.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-064	5.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	0.0–0.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	2.3–3.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	3.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-066	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	0.3–2.3 **D**	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-066	2.3–2.6	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	2.6–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066 **EB**	0.3–2.3	Water	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-067	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	1	7	—	—	—	—
—	5TB-067	0.3–1.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-067	1.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-067	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	1.3–2.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	2.0–4.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	4.0–6.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	0.0–0.3	Asphalt	8	5	5.7	—	15 Nov 2004	0.74	—	—	—	—	—
—	5TB-154	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	0.0–0.3	Asphalt	8	5	5.7	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-155	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	1.3–2.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	2.0–4.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	4.0–6.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-157	0.0–0.3	Asphalt	8	5	5.7	—	15 Nov 2004	**1.9**	3	—	—	—	—
—	5TB-157	0.3–1.8	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-157	1.8–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-8

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-157	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	0.61	—	—	—	—	—
—	5TB-157	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-157 **D**	0.3–1.8	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-157 **EB**	0.3–1.8	Water	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	1.2	—	—	—	—	—
—	5TB-158	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	**1.5**	3	—	—	—	—
—	5TB-160	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	5–7	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	4.3–6.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161 **D**	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-161 **EB**	2.3–4.3	Water	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	0.53	4	12-16-2004	ND < 0.50	—	—
—	5TB-162	4.3–6.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	4.3–6.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	0.0–0.3	Asphalt	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	0.3–1.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	1.3–2.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	2.3–4.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	4.3–6.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227 **D**	2.3–4.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-227 **EB**	2.3–4.3	Water	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5XX-003	0.0–0.3	Misc. solid	8	5	5.7	*Foam house*	19 Nov 2004	**2.4**	3	—	—	—	—
—	5SW-002	Surface	Water	8	5	5.7	*EN08*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	CB-5	Surface	Sediment	8	5	5.7	*CB5*	18 Jul 2002	0.52	—	—	—	—	—
—	**EB**-16	NA	Water	8	5	5.7	*P25*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	MW-16	6–8	Soil	8	5	5.7	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	5SD-006	0.0–0.3	Sediment	8	5	5.7	*Sump3*	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	SS-SS	0.3–0.5	Soil	8	5	5.7	—	19 Jul 2002	3.2	4	08-01-2002	ND < 0.50	—	—
—	TB-24	6–8	Soil	8	5	5.7	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-25	2–4	Soil	8	5	5.7	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-EEEEEE	0.0–0.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-EEEEEE	0.3–2.3	Soil	8	5	5.7	—	22 Jul 2002	**42**	4	08-01-2002	1.8	—	—
—	TB-EEEEEE	10–12	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-EEEEEE	2.3–4.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-EEEEEE	5–7	Soil	8	5	5.7	—	22 Jul 2002	2.6	4	08-01-2002	ND < 0.50	—	—
—	TB-FFFFFF	0.0–0.3	Soil	8	5	5.7	—	22 Jul 2002	7.5	4	08-01-2002	ND < 0.50	—	—
—	TB-FFFFFF	0.3–2.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-FFFFFF	10–12	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-FFFFFF	2.3–4.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-FFFFFF	5–7	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	0.0–0.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	0.3–1.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	1.3–2.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	15–17	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	2.3–4.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	5–7	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	G12	7.74	Soil	9	3	3.2	*Remediation*	03 Jun 1998	1.6	16	—	—	—	UI
—	G12	9.74	Soil	9	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	3CO-182	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3CO-183	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3CO-184	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3CO-185	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3AS-021	½ inch	Asphalt	9	3	3.3	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	3AS-022	½ inch	Asphalt	9	3	3.3	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	3AS-040	½ inch	Asphalt	9	3	3.3	*P22*	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	3AS-041	½ inch	Asphalt	9	3	3.3	*P22*	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	3CO-041	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-042	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-043	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-044	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-045	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-046	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-047	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-048	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-049	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-050	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-051	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-052	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-053	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-054	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-055	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-056	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-056 **D**	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	5	—	—	—	—
—	3CO-057	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-058	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-059	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-060	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 1.0	3	—	—	—	—
—	3CO-061	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-062	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-063	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-064	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-076	½ inch	Concrete	9	3	3.3	*P21*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-076 **D**	½ inch	Concrete	9	3	3.3	*P21*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	3CO-077	½ inch	Concrete	9	3	3.3	*P20*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-077 **D**	½ inch	Concrete	9	3	3.3	*P20*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	3CO-503	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 1.0	3	—	—	—	—
—	3GP-254	0.0–0.3	Stone	9	3	3.3	—	16 Dec 2004	ND < 0.50	15	—	—	—	—
—	3GP-254	0.3–1.0	Soil	9	3	3.3	—	16 Dec 2004	4.1	4	01-11-2005	ND < 0.5	—	—
—	3GP-254	1–2	Soil	9	3	3.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	0.0–0.5	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	0.5–1.0	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	1.0–1.5	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	1.5–2.0	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-115	0.0–0.5	Soil	9	3	3.3	—	25 Oct 2004	8.8	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-115	0.5–1.0	Soil	9	3	3.3	—	25 Oct 2004	**11.3**	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-115	1.0–1.5	Soil	9	3	3.3	—	25 Oct 2004	5.9	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-115	1.5–2.0	Soil	9	3	3.3	—	25 Oct 2004	3.3	4	11-10-2004	ND < 0.5	—	—
—	3HA-116	0.0–0.3	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-116	0.3–0.8	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-231	0.25–0.5	Soil	9	3	3.3	—	23 Nov 2004	0.75	4	12-22-2004	ND < 0.5	—	—
—	3HA-231	0.5–1.5	Soil	9	3	3.3	—	23 Nov 2004	4.4	4	12-22-2004	ND < 0.5	—	—
—	3HA-231 **D**	0.25–0.5	Soil	9	3	3.3	—	23 Nov 2004	1	4, 5	12-22-2004	ND < 0.5	—	—
—	3HA-231 **EB**	0.25–0.5	Water	9	3	3.3	—	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HX-001	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-002	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 40	9	—	—	—	—
—	3HX-003	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-004	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-005	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-006	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-006 **D**	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	5	—	—	—	—
—	3SD-001	0.0–0.3	Sediment	9	3	3.3	*EN03*	24 Aug 2004	**2.6**	—	—	—	—	—
—	PCB-05	0.5	Sediment	9	3	3.3	*EN03*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	GP-01	12	Soil	9	3	3.3	—	12 Dec 1997	1.4	16	—	—	—	UI
—	GP-02	12	Soil	9	3	3.3	—	12 Dec 1997	5	16	—	—	—	UI
—	GP-03	12	Soil	9	3	3.3	—	12 Dec 1997	ND < 1.0	16	—	—	—	UI
—	GP-04	12	Soil	9	3	3.3	—	12 Dec 1997	1.9	16	—	—	—	UI
—	GP-09	0–1	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	1–2	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	2–3	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	3–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	4–5	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	5–6	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	6–7	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	GP-09	7–8	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	8–9	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	9–10	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	10–11	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	11–12	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	12–13	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	13–14	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	14–15	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	18–20	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	0–1	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	1–2	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	2–3	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	3–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	4–5	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	5–6	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	6–7	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	7–8	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	8–9	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	9–10	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	10–11	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	11–12	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	0–1	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	1–2	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	2–3	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	3–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	4–5	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	5–6	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	6–7	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	7–8	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	8–9	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	9–10	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	0–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	4–8	Soil	9	3	3.3	—	19 Dec 1997	2.7	16	—	—	—	UI
—	GP-15	8–12	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	12–16	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	16–20	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	20–25	Soil	9	3	3.3	—	19 Dec 1997	1.4	16	—	—	—	UI
—	GP-15	24–28	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	28–32	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	32–36	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	3SW-001	Surface	Water	9	3	3.3	*EN03*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	**EB**-05	NA	Water	9	3	3.3	*EN03*	25 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-08	NA	Water	9	3	3.3	*P21*	27 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-09	NA	Water	9	3	3.3	*P20*	27 Aug 2004	ND < 12	9	—	—	—	—
—	Field Blank 1	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	G11	9.35	Soil	9	3	3.3	*Remediation*	17 Jul 1998	ND	16	—	—	—	UI
—	PCB-06	NS	Sediment	9	3	3.3	*EN02*	11 Jun 1998	**4**	6	—	—	—	GEI
—	TB-BBB	3–5	Soil	9	3	3.3	—	13 Feb 2002	**15**	4	02-27-2002	0.74	—	—
—	TB-BBB	5–7	Soil	9	3	3.3	—	13 Feb 2002	**15**	4	02-27-2002	0.72	—	—
—	TB-BBB	10–13	Soil	9	3	3.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-BBB	1–3	Soil	9	3	3.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-1	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-2	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-3	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-4	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-A1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-A2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-A3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-A4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.5**	—	—	—	—	—
—	TXFP1-A5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.2**	—	—	—	—	—
—	TXFP1-B1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.83	—	—	—	—	—
—	TXFP1-B2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.69	—	—	—	—	—
—	TXFP1-B3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-B4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.61	—	—	—	—	—
—	TXFP1-B5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.58	—	—	—	—	—
—	TXFP1-C1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-C2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.85	—	—	—	—	—
—	TXFP1-C3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.4**	—	—	—	—	—
—	TXFP1-C4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**2.2**	—	—	—	—	—
—	TXFP1-C5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-D1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-D2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**4.0**	—	—	—	—	—
—	TXFP1-D3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**2.2**	—	—	—	—	—
—	TXFP1-D4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**2.1**	—	—	—	—	—
—	TXFP1-E1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-E2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-E3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.9**	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	TXFP1-E4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.8**	—	—	—	—	—
—	TXFP1-E5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.92	—	—	—	—	—
—	TXFP1-F1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-F2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.71	—	—	—	—	—
—	TXFP1-F3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.69	—	—	—	—	—
—	TXFP1-F4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-F5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	3PP-011	NA	Oil	9	3	3.3	*EN02*	20 Jun 2007	ND	20	—	—	—	—
—	4AS-018	½ inch	Asphalt	9	4	4.1	—	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	4AS-019	½ inch	Asphalt	9	4	4.1	—	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	4AS-042	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4AS-043	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-044	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-045	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-046	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-047	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-048	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-049	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-050	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	1	3	—	—	—	—
—	4AS-051	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	**1.2**	3	—	—	—	—
—	4AS-052	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4CO-078	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-079	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-080	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-081	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-081 **D**	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	4CO-126	½ inch	Concrete	9	4	4.1	*@ 4.2*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-127	½ inch	Concrete	9	4	4.1	*@ 4.2*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-128	½ inch	Concrete	9	4	4.1	*@ 4.2*	23 Nov 2004	0.53	—	—	—	—	—
—	4GP-245	0.0–0.3	Asphalt	9	4	4.1	—	16 Dec 2004	**2.9**	4	01-06-2005	ND < 0.5	—	—
—	4GP-245	0.3–1.3	Soil	9	4	4.1	—	16 Dec 2004	2.8	4	01-06-2005	ND < 0.5	—	—
—	4GP-245	1.3–3.0	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-245	3–4	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-245	4–6	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-245	6–7	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-246	0.0–0.3	Soil	9	4	4.1	—	16 Dec 2004	**320**	3, 4, 14	01-06-2005	**6.7**	—	—
—	4GP-246	0.3–2.0	Soil	9	4	4.1	—	16 Dec 2004	9.1	—	—	—	—	—
—	4GP-246	2–4	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-246	4–6	Soil	9	4	4.1	—	16 Dec 2004	**700**	3, 4	01-06-2005	**5.5**	—	—
—	4GP-246	6–8	Soil	9	4	4.1	—	16 Dec 2004	**20**	3, 4	01-06-2005	2.5	—	—
—	4HA-084	1.3–1.6	Soil	9	4	4.1	—	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-084	1.6–2.1	Soil	9	4	4.1	—	21 Oct 2004	0.73	4	11-01-2004	ND < 0.5	—	—
—	4HA-085	1.0–1.5	Soil	9	4	4.1	—	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-085	1.5–2.0	Soil	9	4	4.1	—	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-086	0.7–1.0	Soil	9	4	4.1	—	22 Oct 2004	1.7	4	11-09-2004	ND < 0.5	—	—
—	4HA-086	1.0–1.5	Soil	9	4	4.1	—	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-086	1.5–2.0	Soil	9	4	4.1	—	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-087	1.0–1.3	Soil	9	4	4.1	—	22 Oct 2004	2	4	11-09-2004	ND < 0.5	—	—
—	4HA-087	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	0.99	4	11-09-2004	ND < 0.5	—	—
—	4HA-087	1.8–2.3	Soil	9	4	4.1	—	22 Oct 2004	1.4	4	11-09-2004	ND < 0.5	—	—
—	4HA-088	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**16**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-088	0.8–1.3	Soil	9	4	4.1	—	22 Oct 2004	1.2	4	11-09-2004	ND < 0.5	—	—
—	4HA-088	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-089	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**64**	3, 4	11-09-2004	1.3	—	—
—	4HA-089	0.8–1.3	Soil	9	4	4.1	—	22 Oct 2004	0.89	4	11-09-2004	ND < 0.5	—	—
—	4HA-089	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	1.6	4	11-09-2004	ND < 0.5	—	—
—	4HA-089	1.8–2.3	Soil	9	4	4.1	—	22 Oct 2004	**37**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-090	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**13**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-090	0.8–1.3	Soil	9	4	4.1	—	22 Oct 2004	**29**	3, 4	11-09-2004	0.59	—	—
—	4HA-090	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	**24**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-090 **D**	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**15**	3, 4, 5	11-09-2004	ND < 0.5	—	—
—	4HA-090 **EB**	0.5–0.8	Water	9	4	4.1	—	22 Oct 2004	0.81	—	—	—	—	—
—	4HA-121	0.0–0.25	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-121	0.5–0.8	Soil	9	4	4.1	—	04 Nov 2004	1.2	4	11-24-2004	ND < 0.5	—	—
—	4HA-121	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-122	0.5–0.8	Soil	9	4	4.1	—	04 Nov 2004	1.3	4	11-24-2004	ND < 0.5	—	—
—	4HA-122	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-123	0.0–0.25	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-123	0.5–0.8	Soil	9	4	4.1	—	04 Nov 2004	1.2	4	11-24-2004	ND < 0.5	—	—
—	4HA-123	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-123 **D**	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	5	—	—	—	—
—	4HA-123 **EB**	0.8–1.8	Water	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-124	0.3–0.6	Soil	9	4	4.1	—	04 Nov 2004	**86**	3, 4	11-24-2004	0.89	—	—
—	4HA-124	0.6–1.4	Soil	9	4	4.1	—	04 Nov 2004	**17**	3, 4	11-24-2004	0.51	—	—
—	4HA-125	0.0–0.25	Soil	9	4	4.1	—	04 Nov 2004	1.4	4	11-24-2004	ND < 0.5	—	—
—	4HA-125	0.4–0.7	Soil	9	4	4.1	—	04 Nov 2004	5.6	4	11-24-2004	ND < 0.5	—	—
—	4HA-125	0.7–1.7	Soil	9	4	4.1	—	04 Nov 2004	**18**	3, 4	11-24-2004	ND < 0.5	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4HA-126	0.4–0.7	Soil	9	4	4.1	—	04 Nov 2004	1.2	4	11-24-2004	ND < 0.5	—	—
—	4HA-126	0.7–1.7	Soil	9	4	4.1	—	04 Nov 2004	1.4	4	11-24-2004	ND < 0.5	—	—
—	4HA-127	0.0–0.2	Soil	9	4	4.1	—	04 Nov 2004	2.6	4	11-24-2004	ND < 0.5	—	—
—	4HA-127	0.2–0.5	Soil	9	4	4.1	—	04 Nov 2004	3	4	11-24-2004	ND < 0.5	—	—
—	4HA-127	0.5–1.5	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-128	0.25–0.5	Soil	9	4	4.1	—	04 Nov 2004	**33**	3, 4	11-24-2004	ND < 0.5	—	—
—	4HA-128	0.5–1.0	Soil	9	4	4.1	—	04 Nov 2004	1.4	4	11-24-2004	ND < 0.5	—	—
—	4HA-129	0.0–0.2	Soil	9	4	4.1	—	04 Nov 2004	**44**	3, 4	11-24-2004	ND < 0.5	—	—
—	4HA-129	0.3–0.6	Soil	9	4	4.1	—	04 Nov 2004	**54**	3, 4	11-24-2004	2.4	—	—
—	4HA-129	0.6–1.6	Soil	9	4	4.1	—	04 Nov 2004	0.78	4	11-24-2004	ND < 0.5	—	—
—	4HA-145	0.0–0.25	Asphalt	9	4	4.1	—	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	4HA-145	0.75–1.0	Soil	9	4	4.1	—	09 Nov 2004	**28**	3, 4	12-10-2004	ND < 0.5	—	—
—	4HA-145	1.0–2.0	Soil	9	4	4.1	—	09 Nov 2004	**13**	3	—	—	—	—
—	4HA-505	1.0–1.3	Soil	9	4	4.1	*@ 4.2 S*	21 Oct 2004	**67**	3, 4	11-01-2004	1.7	—	—
—	4HA-505	1.3–1.8	Soil	9	4	4.1	*@ 4.2 S*	21 Oct 2004	2.3	4	11-01-2004	ND < 0.5	—	—
—	4HA-512	0.0–0.3	Soil	9	4	4.1	*@ 4.2 S*	01 Nov 2004	**9,200**	4, 11, 14	11-15-2004	**20**	2	—
—	4HA-512	0.5–0.8	Soil	9	4	4.1	*@ 4.2 S*	29 Oct 2004	**30**	3, 4	11-22-2004	ND < 0.5	—	—
—	4HA-512 **D**	0.5–0.8	Soil	9	4	4.1	*@ 4.2 S*	29 Oct 2004	**14**	3, 4, 5	11-22-2004	0.54	—	—
—	4HA-512 **EB**	0.5–0.8	Water	9	4	4.1	*@ 4.2 S*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-513	0.0–0.25	Soil	9	4	4.1	*@ 4.2 W*	04 Nov 2004	2	4	11-24-2004	ND < 0.5	—	—
—	4HA-513	0.25–1.25	Soil	9	4	4.1	*@ 4.2 W*	04 Nov 2004	3.4	4	11-24-2004	ND < 0.5	—	—
—	4SD-010	0.0–0.3	Sludge	9	4	4.1	*Septic West*	18 Nov 2004	ND < 14	3	—	—	—	—
—	4TB-091	0.0–0.3	Soil	9	4	4.1	—	09 Sep 2004	2.2	4	09-28-2004	ND < 0.5	—	—
—	4TB-091	0.3–1.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-091	1.3–2.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-091	2.3–4.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-091	4.3–6.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-208	0.0–0.3	Stone	9	4	4.1	—	18 Nov 2004	1.1	15	—	—	—	—
—	4TB-208	0.3–2.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-208	4.3–6.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	3	—	—	—	—
—	4TB-209	0.0–0.3	Soil	9	4	4.1	—	18 Nov 2004	4.6	4	12-23-2004	ND < 0.5	—	—
—	4TB-209	0.3–1.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-209	1.3–2.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-209	2.3–4.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-210	0.0–0.3	Asphalt	9	4	4.1	—	18 Nov 2004	0.9	—	—	—	—	—
—	4TB-210	1.0–3.0	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-210	3.0–5.0	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-210 **D**	3.0–5.0	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-210 **EB**	3.0–5.0	Water	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-211	0.0–0.3	Soil	9	4	4.1	—	18 Nov 2004	1.3	4	12-23-2004	ND < 0.5	—	—
—	4TB-211	0.3–1.3	Soil	9	4	4.1	—	18 Nov 2004	3.3	4	12-23-2004	ND < 0.5	—	—
—	4TB-211	1.3–2.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-211	2.3–4.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-212	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	0.82	4	12-24-2004	ND < 0.5	—	—
—	4TB-212	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	3.7	4	12-24-2004	ND < 0.5	—	—
—	4TB-212	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-212	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-212	4.3–6.3	Soil	9	4	4.1	—	19 Nov 2004	0.53	4	12-24-2004	ND < 0.5	—	—
—	4TB-213	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	2.3	4	12-24-2004	ND < 0.5	—	—
—	4TB-213	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-213	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-213	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-213	4.3–6.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-214	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	1.3	4	12-24-2004	ND < 0.5	—	—
—	4TB-214	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-214	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-214	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	0.67	4	12-24-2004	ND < 0.5	—	—
—	4TB-215	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215 **D**	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-215 **EB**	0.3–1.3	Water	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-216	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	0.68	4	12-24-2004	ND < 0.5	—	—
—	4TB-216	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-216	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-216	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	0.0–0.3	Asphalt	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	1.0–2.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	2.0–3.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	3.0–5.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	5.0–7.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4TB-219	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	4.3–6.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-504	0.0–0.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-504	0.3–1.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-504	1.3–2.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-504	2.3–4.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-504	2.3–4.3 **D**	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	5	—	—	—	—
—	4TB-504	4.3–6.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-504 **EB**	2.3–4.3	Water	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4XX-002	1.0–1.5	Sediment	9	4	4.1	*Catch basin*	17 Nov 2004	**3.3**	4	12-15-2004	ND < 0.5	—	—
—	**EB**-10	NA	Water	9	4	4.1	*EN04*	27 Aug 2004	ND < 12	9	—	—	—	—
—	MW-13	13–15	Soil	9	4	4.1	—	01 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-03	0.0–0.3	Soil	9	4	4.1	*EN04*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-04	0.0–0.3	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-07	0.5	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-08	0.8	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-09	0.8	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	1	6	—	—	—	GEI
—	PCB-10	0.5	Soil	9	4	4.1	—	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-33	0.0–0.3	Soil	9	4	4.1	—	07 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-34	0.0–0.3	Soil	9	4	4.1	—	07 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-35	0.0–0.3	Soil	9	4	4.1	—	07 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-CCC	0–2	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-CCC	10–13	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-CCC	2.0–2.5	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-CCC	5–7	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-DDD	0–2	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-DDD	5–7	Soil	9	4	4.1	—	18 Jul 2002	0.56	4	08-01-2002	ND < 0.5	—	—
—	TB-FFF	0–2	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	10–12	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	2–4	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	5–7	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	5–7	Soil	9	4	4.1	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TXFP2-1	½ inch	Concrete	9	4	4.1	*EN04*	06 Feb 2002	**8.1**	—	—	—	—	—
—	TXFP2-2	½ inch	Concrete	9	4	4.1	*EN04*	06 Feb 2002	ND < 0.50	—	—	—	—	—
—	4AS-002	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-003	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	**2.7**	3	—	—	—	—
—	4AS-004	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-005	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-006	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-017	½ inch	Asphalt	6	4	4.3	—	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	4AS-017 **D**	½ inch	Asphalt	6	4	4.3	—	09 Nov 2004	ND < 0.50	5	—	—	—	—
—	4AS-017 **EB**	NA	Water	6	4	4.3	—	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-095	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-096	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-097	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-098	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-099	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-100	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-101	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-102	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-103	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-104	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-105	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-106	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-107	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-107 **D**	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	4CO-108	½ inch	Concrete	6	4	4.3	—	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	4HA-506	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-507	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	0.61	4	11-09-2004	ND < 0.5	—	—
—	4HA-508	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	**22**	3, 4	11-09-2004	0.85	—	—
—	4HA-508	1.0–1.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	**170**	3, 4	11-09-2004	0.80	—	—
—	4HA-509	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-510	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HX-014	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-015	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 10	3	—	—	—	—
—	4HX-016	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-017	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-018	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-019	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-020	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-021	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-021 **D**	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	5	—	—	—	—
—	4HX-022	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-023	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 10	3	—	—	—	—
—	CS-6	(Scraping)	Concrete	6	4	4.3	*EN06*	19 Jun 1998	ND < 1.0	6	—	—	—	GEI

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	**EB**-13	NA	Water	6	4	4.3	*EN06*	27 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-15	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	PCB-02	1.5	Soil	6	4	4.3	*EN06*	11 Jun 1998	**2,300**	6, 14	—	—	—	GEI
—	PCB-20	0.7	Soil	6	4	4.3	*EN06*	18 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-21	0.5	Soil	6	4	4.3	*EN06*	18 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	4AS-007	½ inch	Asphalt	9	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4CO-092	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-093	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-094	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-094 **D**	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	4CO-113	½ inch	Concrete	9	4	4.3	*P13A*	09 Nov 2004	**1.6**	3	—	—	—	—
—	4CO-119	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-120	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	0.51	—	—	—	—	—
—	4CO-121	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-122	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-123	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-124	½ inch	Concrete	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-124 **D**	½ inch	Concrete	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	5	—	—	—	—
—	4CO-124 **EB**	NA	Water	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-125	½ inch	Concrete	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-132	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-133	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-134	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-135	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-136	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-137	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-138	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-139	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-139 **D**	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	5	—	—	—	—
—	4CO-139 **EB**	NA	Water	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-140	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-141	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-142	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-143	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-144	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-145	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-146	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	0.91	—	—	—	—	—
—	4CO-147	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4GP-247	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	2.8	4	01-06-2005	ND < 0.5	—	—
—	4GP-247	0.0–0.3	Asphalt	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-247	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-247	3–4	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-248	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	**32**	3, 4	01-06-2005	ND < 0.5	—	—
—	4GP-248	0.0–0.3	Stone	9	4	4.3	—	16 Dec 2004	ND < 0.50	15	—	—	—	—
—	4GP-248	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-248 **D**	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	**84**	3, 4, 5	01-06-2005	ND < 0.5	—	—
—	4GP-248 **EB**	0.3–1.3	Water	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	0.0–0.3	Asphalt	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	3–4	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-250	0.0–0.3	Soil	9	4	4.3	—	16 Dec 2004	0.61	4	01-04-2005	ND < 0.5	—	—
—	4GP-250	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-250	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-250	3–4	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4HA-511	0.0–0.3	Soil	9	4	4.3	*EN05*	29 Oct 2004	**130**	3, 4	11-22-2004	1.9	—	—
—	4HA-511	0.3–0.8	Soil	9	4	4.3	*EN05*	29 Oct 2004	**1,100**	3, 4, 14	11-22-2004	**20**	2	—
—	4HX-008	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 10	3	—	—	—	—
—	4HX-009	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	7.9	—	—	—	—	—
—	4HX-010	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 10	3	—	—	—	—
—	4HX-011	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	**120**	3	—	—	—	—
—	4HX-012	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-013	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-013 **D**	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	5	—	—	—	—
—	4TB-068	0.0–0.3	Soil	9	4	4.3	—	08 Sep 2004	2.6	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-068	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	1.5	4	09-28-2004	ND < 0.5	—	—
—	4TB-068	1.3–1.6	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-068	1.6–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-068	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-068	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 1.3	3	—	—	—	—
—	4TB-069	0.0–0.3	Soil	9	4	4.3	—	08 Sep 2004	5.4	4	09-28-2004	ND < 0.5	—	—
—	4TB-069	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	0.82	4	09-28-2004	ND < 0.5	—	—
—	4TB-069	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-069	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**1.6**	3	—	—	—	—
—	4TB-070	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	2.1	3, 7	NA	NA	1	—
—	4TB-070	0.3–1.3 **D**	Soil	9	4	4.3	—	08 Sep 2004	3.2	3, 5, 7	NA	NA	1	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4TB-070	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070 **EB**	0.3–1.3	Water	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-071	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**4.1**	3	—	—	—	—
—	4TB-071	0.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	4.3	3, 7	NA	NA	1	—
—	4TB-071	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-071	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**2.1**	3	—	—	—	—
—	4TB-072	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-073	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**1.9**	3	—	—	—	—
—	4TB-073	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	1.3	7	NA	NA	1	—
—	4TB-073	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-073	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 1.0	3	—	—	—	—
—	4TB-074	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**1.6**	3	—	—	—	—
—	4TB-074	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	1.4	7	NA	NA	1	—
—	4TB-074	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-074	4.3–5.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-074	5.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-075	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	2.3	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-075	0.3–1.3 **D**	Soil	9	4	4.3	—	09 Sep 2004	2.5	3, 5, 7	NA	NA	1	—
—	4TB-075	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	2.4	7	NA	NA	1	—
—	4TB-075	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	5.7	7	NA	NA	1	—
—	4TB-075	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-075	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-075 **EB**	0.3–1.3	Water	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-076	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	0.95	3	—	—	—	—
—	4TB-076	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	2.3	4	09-28-2004	ND < 0.5	—	—
—	4TB-076	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	**11**	3, 7	NA	NA	1	—
—	4TB-076	4.0–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-076	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-077	1.0–1.3	Soil	9	4	4.3	—	09 Sep 2004	2.4	7	NA	NA	1	—
—	4TB-077	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	**12**	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-077	6.3–8.3	Soil	9	4	4.3	—	09 Sep 2004	2	4	09-28-2004	ND < 0.5	—	—
—	4TB-077	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-078	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	0.91	3	—	—	—	—
—	4TB-078	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	**42**	3, 4	09-28-2004	0.60	—	—
—	4TB-078	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	4.3	4	09-28-2004	ND < 0.5	—	—
—	4TB-078	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-078	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-079	0.3–0.6	Soil	9	4	4.3	—	09 Sep 2004	1.2	3, 7	NA	NA	1	—
—	4TB-079	0.6–2.3	Soil	9	4	4.3	—	09 Sep 2004	5.5	4	09-28-2004	ND < 0.5	—	—
—	4TB-079	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	5	4	09-28-2004	ND < 0.5	—	—
—	4TB-079	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-079	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-080	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	1.3–2.3 **D**	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	5	—	—	—	—
—	4TB-080	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080 **EB**	1.3–2.3	Water	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-081	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-082	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	**14**	3, 7	NA	NA	1	—
—	4TB-082	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	0.92	3, 7	NA	NA	1	—
—	4TB-082	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-082	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-082	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	**1.4**	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-083	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-146	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	2	4	12-13-2004	ND < 0.5	—	—
—	4TB-146	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	2.9	4	12-13-2004	ND < 0.5	—	—
—	4TB-146	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-146	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-146	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-147	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4TB-147	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	2.3–3.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	3.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	5.0–5.4	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-148	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	1.4	4	12-13-2004	ND < 0.5	—	—
—	4TB-148	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	0.91	4	12-13-2004	ND < 0.5	—	—
—	4TB-148	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-148	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-148	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-148 **D**	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-148 **EB**	1.3–2.3	Water	9	4	4.3	—	15 Nov 2004	ND < 2.5	3	—	—	—	—
—	4TB-149	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-149	0.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-149	2.3–3.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-149	3.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-149	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-150	0.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	1.1	4	12-13-2004	ND < 0.5	—	—
—	4TB-150	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-150	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-150	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	**2.5**	3	—	—	—	—
—	4TB-151	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-152	0.0–0.3	Soil	9	4	4.3	—	15 Nov 2004	1.4	4	12-13-2004	ND < 0.5	—	—
—	4TB-152	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	1.7	4	12-13-2004	ND < 0.5	—	—
—	4TB-152	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	0.5	4	12-13-2004	ND < 0.5	—	—
—	4TB-152	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-152	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-152 **D**	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-152 **EB**	2.3–4.3	Water	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	**EB**-12	NA	Water	9	4	4.3	*EN05*	27 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-14	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	HA-01	1	Soil	9	4	4.3	*EN05*	30 Mar 2000	**29**	6	—	—	—	GEI
—	MW-14D	26–28	Soil	9	4	4.3	—	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	MW-14S	1–3	Soil	9	4	4.3	—	01 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-01	1	Soil	9	4	4.3	*EN05*	11 Jun 1998	**440**	6, 14	—	—	—	GEI
—	PCB-31	0.0–0.3	Soil	9	4	4.3	*EN05*	07 Jul 1998	**94**	6	—	—	—	GEI
—	PCB-32	0.0–0.3	Soil	9	4	4.3	*EN05*	07 Jul 1998	**53**	6	—	—	—	GEI
—	TB-115	5–7	Soil	9	4	4.3	—	01 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-116	5–7	Soil	9	4	4.3	—	01 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-214	3.0–3.3	Soil	9	4	4.3	—	30 Mar 2000	2	6	—	—	—	GEI
—	TB-215	2.0–2.2	Soil	9	4	4.3	—	30 Mar 2000	4	6	—	—	—	GEI
—	MW-12	2–4	Soil	9	6	6.3	—	01 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	TB-AAA	0–2	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-AAA	10–12	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-AAA	2–4	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-AAA	5–7	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-10

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
—	4CO-082	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	ND < 0.50	—	—
—	4CO-083	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**3.9**	—	—
—	4CO-084	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**94**	3	—
—	4CO-085	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**17**	3	—
—	4CO-086	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**2.4**	—	—
—	4CO-087	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	0.53	—	—
—	4CO-088	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**1.9**	—	—
—	4CO-089	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**4.4**	—	—
—	4CO-090	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**5.1**	—	—
—	4CO-091	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**3.8**	—	—
—	4CO-091 **D**	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**3.1**	5	—
—	4CO-156	½ inch	Concrete	10	4	4.2	*Room 4*	02 Dec 2004	**33**	3	—
—	4CO-157	½ inch	Concrete	10	4	4.2	*Room 3*	02 Dec 2004	**36,000**	3, 11	—
—	4CO-158	½ inch	Concrete	10	4	4.2	*Room 3*	02 Dec 2004	**2.9**	—	—
—	4CO-159	½ inch	Concrete	10	4	4.2	*Room 2*	02 Dec 2004	**20**	3	—
—	4CO-160	½ inch	Concrete	10	4	4.2	*Room 1*	02 Dec 2004	**3.1**	—	—
—	4CO-161	½ inch	Concrete	10	4	4.2	*Room 1*	02 Dec 2004	**4,900**	3	—
—	4XX-001	NA	Misc. solid	10	4	4.2	*Room 4*	29 Oct 2004	ND < 0.50	—	—
—	**EB**-11	NA	Water	10	4	4.2	*Room 5*	27 Aug 2004	ND < 12	9	—
—	Sump-1	0.0–0.3	Sediment	10	4	4.2	*Sump1*	18 Jul 2002	**4.4**	—	—
—	4CO-152	½ inch	Concrete	10	4	4.4	*Pump house*	02 Dec 2004	1	—	—
—	4CO-153	½ inch	Concrete	10	4	4.4	*Shower*	02 Dec 2004	**1.9**	—	—
—	4CO-154	½ inch	Concrete	10	4	4.4	*Bathroom*	02 Dec 2004	**2.4**	—	—
—	4CO-155	½ inch	Concrete	10	4	4.4	*Storage*	02 Dec 2004	**1.86**	—	—
—	4CO-186	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	0.65	—	—
—	4CO-187	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4CO-187 **D**	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	5	—
—	4CO-187 **EB**	NA	Water	10	4	4.4	*Sword. Room*	16 Dec 2004	ND < 0.50	—	—
—	4CO-188	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	0.51	—	—
—	4CO-189	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4CO-190	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	0.53	—	—
—	4CO-191	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4CO-509	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4XX-005	NA	Misc. solid	10	4	4.4	*Floor tile*	16 Dec 2004	ND < 1.0	3	—
—	4XX-006	NA	Misc. solid	10	4	4.4	*Floor tile*	16 Dec 2004	ND < 1.0	3	—
—	7XX-007	NA	Sludge	10	7	NS	*Pump house*	16 Dec 2004	ND < 20	3	—
—	7XX-008	Surface	Oil	10	7	NS	*Enclosure*	17 Dec 2004	ND < 4.0	—	—
—	7CO-192	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**4.8**	—	—
—	7CO-193	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**4.8**	—	—
—	7CO-194	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**53**	3	—
—	7CO-195	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**1.4**	3	—
—	7SD-011	0.0–0.3	Sediment	10	7	NS	*Pump house*	16 Dec 2004	ND	3, 8	—
—	7SD-012	0.0–0.3	Sediment	10	7	NS	*Pump house*	16 Dec 2004	**9.5**	3, 8	—
—	7PP-007	NA	Oil	10	7	NS	55-gal drum	01 Nov 2004	ND < 2.0	—	—

English Station
PCB Analytical Results
AOC-11

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-228	0.0–0.3	Asphalt	11	5	5.7	—	19 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-228	0.3–1.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-228	1.3–2.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-228	4.3–6.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	0.0–0.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	0.6	4	12-22-2004	ND < 0.50	—	—
—	5TB-229	0.3–1.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	1.3–2.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	2.3–4.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	4.3–6.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	0.0–0.3	Asphalt	11	5	5.7	—	19 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-230	0.3–1.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	1.3–2.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	2.3–3.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	3.3–4.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	4.3–6.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	6CO-109	½ inch	Concrete	11	5	5.7	*P11*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	6CO-109 **D**	½ inch	Concrete	11	5	5.7	*P11*	01 Sep 2004	ND < 0.50	5	—	—	—	—
—	MW-20	11–13	Soil	11	6	6.2	—	27 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-200	5–7	Soil	11	6	6.2	—	02 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-MMM	0.3–1.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-MMM	2–4	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	0.3–2.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	2.3–4.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	4.3–6.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-OO	0–2	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	0.0–0.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	0.3–1.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	1.3–2.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	15–17	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	2.3–4.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	20–22	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	5–7	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	0.0–0.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	0.3–1.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	1.3–2.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	2.3–4.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	5–7	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	0.0–0.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	0.3–1.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	1.3–2.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	2.3–4.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	5–7	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	0.0–0.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	0.3–1.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	1.3–2.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	2.3–4.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	5–7	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VV	2–4	Soil	11	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-VV	4–6	Soil	11	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-VV	5.0–5.5	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	0.0–0.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	0.3–1.8	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	2.0–3.5	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	5.0–6.5	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	0.0–0.3	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	0.3–2.3	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	10–12	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	2.3–4.3	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	2HA-117	0.0–0.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.75	4	11-10-2004	ND < 0.5	—	—
—	2HA-117	0.5–1.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-117	1.0–1.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-117	1.5–2.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.6	4	11-10-2004	ND < 0.5	—	—
—	2HA-118	0.0–0.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.75	4	11-10-2004	ND < 0.5	—	—
—	2HA-118	0.5–1.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-118	1.0–1.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.64	4	11-10-2004	ND < 0.5	—	—
—	2HA-118	1.5–2.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-137	0.0–0.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-137	0.25–1.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-138	0.0–0.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-138	0.25–1.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-138 **D**	0.25–1.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	5	—	—	—	—
A	2HA-139	0.0–0.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	2HA-139	0.25–1.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	2HA-140	0.0–0.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	2HA-140	0.25–1.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	SS-FF	0.0–0.3	Soil	12W	2	2.1	*Track A*	03 Apr 2002	0.8	4	04-17-2002	ND < 0.5	—	—
—	SS-GG	0.0–0.3	Soil	12W	2	2.1	*Track A*	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	SS-GG	1.0–1.5	Soil	12W	2	2.1	*Track A*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-HH	0.0–0.3	Soil	12W	2	2.1	*Track A*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-II	0.0–0.3	Soil	12W	2	2.1	*Track B*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-JJ	0.0–0.3	Soil	12W	2	2.1	*Track E*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-KK	0.0–0.3	Soil	12W	2	2.1	*Track C*	03 Apr 2002	0.83	4	04-17-2002	ND < 0.5	—	—
A	SS-LL	0.0–0.3	Soil	12W	2	2.1	*Track E*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-MM	0.0–0.3	Soil	12W	2	2.1	*Track D*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-NN	0.0–0.3	Soil	12W	2	2.1	*Track C*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-OO	0.0–0.3	Soil	12W	2	2.1	*Track E*	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-X	0.0–0.6	Soil	12W	2	2.1	*Track B*	14 May 2001	ND < 0.50	—	—	—	—	—
A	SS-Y	0.0–0.6	Soil	12W	2	2.1	*Track C*	14 May 2001	ND < 0.50	—	—	—	—	—
A	SS-Z	0.0–0.6	Soil	12W	2	2.1	*Track D*	14 May 2001	ND < 0.50	—	—	—	—	—
A	2AS-053	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-054	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-055	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-056	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-056 **D**	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	0.34	5	—	—	—	—
A	2AS-056 **EB**	½ inch	Water	12W	2	2.2	—	27 Feb 2007	ND < 0.50	—	—	—	—	—
A	2AS-057	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-058	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	0.41	—	—	—	—	—
A	2AS-059	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-060	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2CO-129	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2CO-130	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2CO-131	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2CO-177	½ inch	Concrete	12W	2	2.2	*CB2*	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2CO-504	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2GP-272	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.2	E	—	—	—	—
A	2GP-272	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	1.3–1.8	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	1.8–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-272	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-272	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-273	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	E	—	—	—	—
A	2GP-273	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-273	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-274	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	**3.8**	E	—	—	—	—
A	2GP-274	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-274	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-274	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.50	—	—	—	—	—
A	2GP-274 **D**	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	5, E	—	—	—	—
A	2GP-274 **D**	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	5	—	—	—	—
A	2GP-274 **EB**	0.0–0.5	Water	12W	2	2.2	—	13 Feb 2007	ND < 0.50	—	—	—	—	—
A	2GP-274 **EB**	NA	Water	12W	2	2.2	—	25 Jan 2007	ND < 0.50	L	—	—	—	—
A	2GP-275	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	**2.6**	E	—	—	—	—
A	2GP-275	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-275	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-275	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—

English Station
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2GP-275	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-275	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-275	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-275	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-276	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	E	—	—	—	—
A	2GP-276	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-276	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-276	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.50	—	—	—	—	—
A	2GP-277	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	E	—	—	—	—
A	2GP-277	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	1.3–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	2.5–2.8	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	2.8–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-277	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-277 **D**	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	5	—	—	—	—
A	2GP-277 **EB**	NA	Water	12W	2	2.2	—	25 Jan 2007	ND < 0.50	—	—	—	—	—
A	2GP-278	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	1.3–2.2	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	2.2–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-278	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-278	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-279	1.3–2.2	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-279	2.2–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	4.0–5.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	5.5–7.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-280	1.3–2.2	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-280	2.2–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-280	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280 **D**	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	5	—	—	—	—
A	2GP-280 **EB**	NA	Water	12W	2	2.2	—	25 Jan 2007	ND < 0.50	L	—	—	—	—
A	2GP-281	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-281	0.3–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-281	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-281	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-281	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-282	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	1.3–1.6	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	1.6–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-282	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-282	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2HA-241	0.0–0.3	Asphalt	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2HA-241	0.3–0.6	Soil	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2HA-242	0.0–0.3	Asphalt	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2HA-242	0.3–0.5	Soil	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2TB-206	0.0–0.3	Soil	12W	2	2.2	—	18 Nov 2004	**3**	4	12-23-2004	ND < 0.5	—	—
A	2TB-206	0.3–2.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-206	4.3–6.3	Soil	12W	2	2.2	—	18 Nov 2004	**1.44**	4	12-23-2004	ND < 0.5	—	—
A	2TB-207	0.0–0.3	Asphalt	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-207	0.3–1.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-207	1.3–2.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-207	2.3–4.3	Soil	12W	2	2.2	—	18 Nov 2004	0.55	4	12-23-2004	ND < 0.5	—	—
A	2TB-207	4.3–6.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-256	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-256	0.25–0.50	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-256	0.50–1.00	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-256	1.00–2.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-256	2.25–3.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-256	3.25–4.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-256	6.25–8.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-257	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-257	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—

English Station
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2TB-257	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-257	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-257	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-257 **D**	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	5	—	—	—	—
A	2TB-257 **EB**	2.5–4.5	Water	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	2TB-258	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-258	0.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-258	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-258	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-259	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-259	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-259	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-259	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-259	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-260	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-260	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-260	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	0.3	—	—	—	—	—
A	2TB-260	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-260	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.70	—	—	—	—	—
A	2TB-261	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-261	0.5–1.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-261	1.5–3.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-261	3.5–5.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-262	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	0.49	—	—	—	—	—
A	2TB-262	0.5–1.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-262	1.0–2.5	Soil	12W	2	2.2	—	23 Feb 2006	0.41	—	—	—	—	—
A	2TB-262	2.5–3.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-262	3.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 1.0	15	—	—	—	—
A	2TB-262 **D**	1.0–2.5	Soil	12W	2	2.2	—	23 Feb 2006	0.44	5	—	—	—	—
A	2TB-262 **EB**	1.0–2.5	Water	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	2TB-263	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	0.45	—	—	—	—	—
A	2TB-263	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-263	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-263	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-263	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	2TB-264	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-264	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-264	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-264	2.5–4.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-264	4.0–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-264	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-265	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-265	0.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-265	1.5–4.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-265	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	CB-2	0.0–0.3	Sediment	12W	2	2.2	*CB2*	10 May 2001	**3.8**	—	—	—	—	—
A	CB-3	0.0–0.3	Sediment	12W	2	2.2	*CB3*	10 May 2001	ND < 0.50	—	—	—	—	—
A	MW-07	7–9	Soil	12W	2	2.2	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	MW-22	7–9	Soil	12W	2	2.2	—	09 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	SS-BB	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-BB	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-CC	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-CC	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-D2	0.0–0.5	Soil	12W	2	2.2	*Surge basin*	02 May 2001	ND < 0.50	—	—	—	—	—
A	SS-DD	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-DD	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-EE	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-EE	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-09	3–7	Soil	12W	2	2.2	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-10	11–13	Soil	12W	2	2.2	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-C	2–4	Soil	12W	2	2.2	—	10 May 2001	ND < 0.50	—	—	—	—	—
A	TB-CCCC	0.0–0.3	Asphalt	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	10–12	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	2.5–2.8	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	2.8–3.8	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	4.5–6.0	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-D	2–4	Soil	12W	2	2.2	—	11 May 2001	ND < 0.50	—	—	—	—	—
A	TB-DDDD	0.0–0.3	Asphalt	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	1.3–1.6	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	1.6–2.6	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	15–17	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	3.3–4.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	1.5–1.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	1.8–2.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	10–12	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	3.8–5.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—

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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	TB-F	0–2	Soil	12W	2	2.2	—	11 May 2001	ND < 0.50	—	—	—	—	—
A	TB-GGGG	0.0–0.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGG	1–2	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGG	2.3–4.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	0.0–0.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	1.3–2.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	2.3–4.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	5–6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	1.5–1.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	1.8–2.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	3.5–5.0	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	5.0–5.5	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	1.0–1.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	1.3–2.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	5–6	Soil	12W	2	2.2	—	02 Apr 2002	ND < 0.50	5	—	—	—	—
A	TB-KKKK	5–6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	0.0–0.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	0.3–0.6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	0.6–1.6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	3.3–4.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	4.3–6.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	0.5–0.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	0.8–1.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	4.5–6.5	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	1.0–1.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	1.3–2.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	4–5	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOOO	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOOO	2.0–2.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOOO	4–5	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	0.3–0.6	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	0.9–1.0	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	2.3–4.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQQQ	0.0–0.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQQQ	0.3–2.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQQQ	2.3–4.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-R	5–7	Soil	12W	2	2.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-RRRR	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-RRRR	1.0–1.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-RRRR	3.3–3.9	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-RRRR	3.9–4.0	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSSS	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSSS	2.2–2.5	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSSS	2.5–4.5	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTTT	0.0–0.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTTT	1.0–1.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTTT	2.3–4.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	10–12	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	15–16	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	2.3–4.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	4.3–6.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	2HA-651	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-652	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-653	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-654	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-655	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-656	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-657	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-658	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-659	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-660	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-661	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2HA-662	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2HA-662	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2HA-663	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-664	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-665	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-666	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-667	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.50	—	—	—	—	—
A	2HA-668	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—

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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2HA-669	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-670	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-671	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-672	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-673	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-674	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-675	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-676	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-677	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-678	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-679	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-680	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-681	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-682	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2HA-683	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2HA-683	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2BW-601	NA	Water	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.50	**EB**	—	—	—	—
A	2AS-600	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	LD	—	—	—	—
A	2AS-600	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.30	LD	—	—	—	—
A	2AS-601	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-602	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	0.82	—	—	—	—	—
A	2AS-603	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-604	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-605	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-606	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	0.31	—	—	—	—	—
A	2AS-607	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-608	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-609	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-610	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	**1.1**	—	—	—	—	—
A	2AS-611	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	**6.9**	E, S	—	—	—	—
A	2AS-612	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	**3.5**	—	—	—	—	—
A	2AS-613	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-614	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-615	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-616	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-617	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-618	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	0.33	—	—	—	—	—
A	2AS-619	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2AS-620	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2AS-620	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.30	FD, LD	—	—	—	—
A	2AS-621	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-622	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-623	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-624	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	0.48	—	—	—	—	—
A	2AS-625	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2AS-626	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2SD-600	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**3.6**	—	—	—	—	—
A	2SD-601	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.80	—	—	—	—	—
A	2SD-602	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 1.0	—	—	—	—	—
A	2SD-603	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**2.6**	FD	—	—	—	—
A	2SD-604	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**1.7**	FD, LD	—	—	—	—
A	2SD-604	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**1.63**	FD, LD	—	—	—	—
A	2CO-600	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.50	—	—	—	—	—
A	2CO-601	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2CO-602	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2CO-603	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.40	—	—	—	—	—
A	2CO-604	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.40	—	—	—	—	—
A	2CO-605	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.40	—	—	—	—	—
A	2CO-606	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2CO-607	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2SW-602	Surface	Water	12W	2	2.2	*Frac tank*	07 Dec 2007	***1.39***	—	—	—	—	—
A	2SW-601	Surface	Water	12W	2	2.2	*@ Track C*	04 Dec 2007	ND < 0.50	—	—	—	—	—
A	2BW-602	NA	Water	12W	2	2.2	*@ Track C*	04 Dec 2007	ND < 0.50	**EB**	—	—	—	—
A	2AS-627	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	0.42	LD	—	—	—	—
A	2AS-627	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	0.39	LD	—	—	—	—
A	2AS-628	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-629	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	0.34	—	—	—	—	—
A	2AS-630	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	**1.03**	—	—	—	—	—
A	2AS-631	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	**1.5**	—	—	—	—	—
A	2AS-632	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	**2.7**	—	—	—	—	—
A	2BW-605	NA	Water	12W	2	2.2	*@ Track B*	11 Dec 2007	ND < 0.50	**EB**	—	—	—	—
A	2AS-633	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.63	—	—	—	—	—
A	2AS-634	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.71	—	—	—	—	—
A	2AS-635	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	**1.1**	—	—	—	—	—
A	2AS-636	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.59	—	—	—	—	—
A	2AS-637	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.78	—	—	—	—	—
A	2AS-638	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2AS-639	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-640	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-641	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.60	—	—	—	—	—
A	2AS-642	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.81	—	—	—	—	—
A	2AS-643	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-644	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	FD	—	—	—	—
A	2AS-645	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	FD, LD	—	—	—	—
A	2AS-645	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	FD, LD	—	—	—	—
A	3GP-234	0.0–0.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	0.3–1.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	1.3–3.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	3.3–4.0	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	4–6	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	6–8	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234 **D**	0.3–1.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	5	—	—	—	—
A	3GP-234 **EB**	0.3–1.3	Water	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-239	0.0–0.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-239	0.3–1.5	Soil	12W	3	3.2	—	16 Dec 2004	2.4	4	01-06-2005	ND < 0.5	—	—
A	3GP-239	1.5–3.0	Soil	12W	3	3.2	—	16 Dec 2004	1.1	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	0.0–0.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-240	0.3–1.3	Soil	12W	3	3.2	—	16 Dec 2004	1.2	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	1.3–3.0	Soil	12W	3	3.2	—	16 Dec 2004	4.6	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	3–5	Soil	12W	3	3.2	—	16 Dec 2004	0.87	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	5–7	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-258	0.0–0.25	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	0.25–1.25	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	1.25–2.25	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	2.25–4.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-259	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-259	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	2.3–4.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	4.3–6.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	6.3–8.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-259 **D**	4.3–6.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-259 **EB**	NA	Water	12W	3	3.2	—	11 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-260	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	0.65	4	02-13-2007	ND < 0.5	—	—
A	3GP-260	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.60	—	—	—	—	—
A	3GP-261	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	0.44	4	02-13-2007	ND < 0.5	—	—
A	3GP-262	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-262	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-262	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	5.8	7, E	—	NT	7	—
A	3GP-262	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	1.3	7	—	NT	7	—
A	3GP-262	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	0.6	4	02-13-2007	ND < 0.5	—	—
A	3GP-262	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-263	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-263	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-263	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263 **D**	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-263 **EB**	NA	Water	12W	3	3.2	—	11 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-264	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	1.3–2.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	2.3–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-264	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-265	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-265	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	1.1	7	—	NT	7	—
A	3GP-265	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	9.6	7, E, S	—	NT	7	—
A	3GP-265	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-265	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-265	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	0.42	4	02-13-2007	ND < 0.5	—	—
A	3GP-265	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-266	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-266	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-266	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	0.52	4	02-13-2007	ND < 0.5	—	—
A	3GP-266	2.5–4.0	Soil	12W	3	3.2	—	12 Jan 2007	0.75	4	02-13-2007	ND < 0.5	—	—
A	3GP-266	4.3–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-266	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-266 **D**	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-267	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-267	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	3.8	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-267	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	5.6	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-267	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	0.48	7	—	NT	7	—
A	3GP-267	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-267	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-267	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-267 **EB**	NA	Water	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-268	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-268	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	0.74	4	02-13-2007	ND < 0.5	—	—
A	3GP-268	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-268 **D**	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	5	—	—	—	—
A	3GP-268 **EB**	NA	Water	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-269	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-269	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-269	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-270	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-270	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	3.2	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-270	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	2.5	4	02-13-2007	ND < 0.5	—	—
A	3GP-270	2.5–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-270	4.0–4.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-270	4.3–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-270	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-271	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-271	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	2.9	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-271	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	2.2	4	02-13-2007	ND < 0.5	—	—
A	3GP-271	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-271	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-271	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-271	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-271 **D**	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	5	—	—	—	—
A	3GP-271 **EB**	NA	Water	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-283	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-283	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-283 **D**	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-283 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-284	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-284	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-285	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-285	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-286	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	0.32	7	—	NT	7	—
A	3GP-286	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-286	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-286	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-286	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-286	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-286 **D**	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	0.58	4, 5	02-13-2007	ND < 0.5	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-286 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-287	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-287	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-288	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-288	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-288	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-289	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	0.47	7	—	NT	7	—
A	3GP-289	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	5.7	7, E	—	NT	7	—
A	3GP-289	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	4.4	7, E	—	NT	7	—
A	3GP-289	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289 **D**	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	0.54	5, 7	—	NT	7	—
A	3GP-289 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-290	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-290	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-290	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	1.6	7	—	NT	7	—
A	3GP-290	2.5–3.7	Soil	12W	3	3.2	—	29 Jan 2007	7.2	7, E	—	NT	7	—
A	3GP-290	3.7–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-290	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-290	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-291	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-291	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-291	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	0.87	7	—	NT	7	—
A	3GP-291	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	1.2	7	—	NT	7	—
A	3GP-291	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-291	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-292	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-292 **D**	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-292 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-293	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	3.1	7, E	—	NT	7	—
A	3GP-293	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-293	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-294	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-294	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	3.2	7, E	—	NT	7	—
A	3GP-294	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	1.9	7	—	NT	7	—
A	3GP-294	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-294	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-294	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-294	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-295	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	1	7	—	NT	7	—
A	3GP-295	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	0.41	7	—	NT	7	—
A	3GP-295	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	1.6	7	—	NT	7	—
A	3GP-295	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-295	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-295	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-295	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-295 **D**	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-295 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-296	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	1	7	—	NT	7	—
A	3GP-296	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	1.4	7	—	NT	7	—
A	3GP-296	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	0.95	7	—	NT	7	—
A	3GP-296	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	2.3	7	—	NT	7	—
A	3GP-296	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-296	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-296	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-297	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-297	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	4.7	7	—	NT	7	—
A	3GP-297	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	4.2	7	—	NT	7	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-297	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-297	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-297	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-297	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-298	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-298	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-298 **D**	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-298 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-299	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-299	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	0.3	7	—	NT	7	—
A	3GP-299	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-299	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	0.42	7	—	—	7	—
A	3GP-299	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-299	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-299	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-300	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-300	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-300	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	0.79	7	—	NT	7	—
A	3GP-300	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-300	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	2.6	7, E	—	NT	7	—
A	3GP-301	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	4.8	7, E	—	NT	7	—
A	3GP-301	2.5–3.7	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	3.7–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-301	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-301 **D**	2.5–3.7	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-301 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-302	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-302	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-302	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	3.4	7	—	NT	7	—
A	3GP-302	2.5–3.7	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-302	3.7–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-302	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-302	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-303	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	7	—	NT	7	—
A	3GP-303	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	0.86	—	—	—	—	—
A	3GP-303	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-303	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	1.4	7	—	NT	7	—
A	3GP-303	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-303	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-303	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-304	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-304	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-304	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	0.35	7	—	NT	7	—
A	3GP-304	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304 **D**	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-305	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	0.49	4	02-19-2007	ND < 0.5	—	—
A	3GP-305	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-305	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-305 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-306	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-306	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	3	4, E	02-19-2007	0.16	—	—
A	3GP-306	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	1.1	4	02-19-2007	ND < 0.5	—	—
A	3GP-306	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	0.64	7	—	NT	7	—
A	3GP-306	4.0–4.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-306	4.3–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-306	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-307	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	1.5	4	02-19-2007	0.18	—	—
A	3GP-307	2.5–3.7	Soil	12W	3	3.2	—	31 Jan 2007	1.3	4	02-19-2007	ND < 0.5	—	—
A	3GP-307	3.7–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-307	4.0–5.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-307	5.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307 **D**	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	5	—	—	—	—
A	3GP-307 **EB**	NA	Water	12W	3	3.2	—	31 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-308	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-308	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	0.93	4	02-19-2007	ND < 0.5	—	—
A	3GP-308	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-308	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-308	4.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-308	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	0.66	7	—	NT	7	—
A	3GP-309	4.0–4.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	4.3–5.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	5.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-309	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-309 **D**	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-309 **EB**	NA	Water	12W	3	3.2	—	31 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-310	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	2.5–2.8	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	2.8–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	4.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-310	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-312	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	4.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-312	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
—	3HA-100	0.5–1.0	Soil	12W	3	3.2	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-100	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-100 **D**	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	ND < 0.50	5	—	—	—	—
—	3HA-100 **EB**	1.0–1.5	Water	12W	3	3.2	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-101	0.3–0.8	Soil	12W	3	3.2	—	25 Oct 2004	5.2	4	11-10-2004	ND < 0.5	—	—
—	3HA-101	0.8–1.3	Soil	12W	3	3.2	—	25 Oct 2004	6.9	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-101	1.3–1.8	Soil	12W	3	3.2	—	25 Oct 2004	3.1	4	11-10-2004	ND < 0.5	—	—
—	3HA-102	0.5–1.0	Soil	12W	3	3.2	—	25 Oct 2004	5.2	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-102	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	7.2	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-102	1.5–2.0	Soil	12W	3	3.2	—	25 Oct 2004	9.5	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-103	0.5–1.0	Soil	12W	3	3.2	—	25 Oct 2004	6.9	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-103	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	7.7	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-103	1.5–1.8	Soil	12W	3	3.2	—	25 Oct 2004	4.6	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-130	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-130	0.9–1.15	Soil	12W	3	3.2	—	08 Nov 2004	1	4	12-01-2004	ND < 0.5	—	—
—	3HA-130	1.5–2.15	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-131	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	0.51	4	12-01-2004	ND < 0.5	—	—
—	3HA-131	0.4–0.65	Soil	12W	3	3.2	—	08 Nov 2004	1.8	4	12-01-2004	ND < 0.5	—	—
—	3HA-131	0.65–1.15	Soil	12W	3	3.2	—	08 Nov 2004	0.81	4	12-01-2004	ND < 0.5	—	—
—	3HA-131 **D**	0.4–0.65	Soil	12W	3	3.2	—	08 Nov 2004	1.1	4, 5	12-01-2004	ND < 0.5	—	—
—	3HA-132	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-132	0.4–0.65	Soil	12W	3	3.2	—	08 Nov 2004	4.5	4	12-01-2004	ND < 0.5	—	—
—	3HA-132	0.65–1.65	Soil	12W	3	3.2	—	08 Nov 2004	4.3	4	12-01-2004	ND < 0.5	—	—
—	3HA-135	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	1.39	4	12-01-2004	ND < 0.5	—	—
—	3HA-135	0.25–0.5	Soil	12W	3	3.2	—	08 Nov 2004	1.45	4	12-01-2004	ND < 0.5	—	—
—	3HA-135	0.5–1.25	Soil	12W	3	3.2	—	08 Nov 2004	2.3	4	12-01-2004	ND < 0.5	—	—
—	3HA-136	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-136	0.7–0.95	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-136	0.95–1.95	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-094	0.0–0.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-094	0.3–1.3	Soil	12W	3	3.2	—	09 Sep 2004	5	4	09-28-2004	ND < 0.5	—	—
A	3TB-094	1.3–2.3	Soil	12W	3	3.2	—	09 Sep 2004	5.7	4	09-28-2004	ND < 0.5	—	—
A	3TB-094	2.3–2.6	Soil	12W	3	3.2	—	09 Sep 2004	4.8	4	09-28-2004	ND < 0.5	—	—
A	3TB-094	2.6–4.3	Soil	12W	3	3.2	—	09 Sep 2004	**14**	3, 4	09-28-2004	ND < 0.5	—	—
A	3TB-094	3–4	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3TB-094	4–5	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3TB-094	6.0–6.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-094 **D**	2.3–2.6	Soil	12W	3	3.2	—	09 Sep 2004	2.1	4, 5	09-28-2004	ND < 0.5	—	—
A	3TB-094 **EB**	2.3–2.6	Water	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-095	0.0–0.3	Soil	12W	3	3.2	—	09 Sep 2004	0.52	4	09-28-2004	ND < 0.5	—	—
A	3TB-095	0.3–2.3	Soil	12W	3	3.2	—	09 Sep 2004	4.2	3, 7	—	NT	1	—
A	3TB-095	2.3–3.3	Soil	12W	3	3.2	—	09 Sep 2004	4.6	3, 7	—	NT	1	—
A	3TB-095	3.3–4.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-095	4.3–6.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3TB-096	0.0–0.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-096	0.3–2.0	Soil	12W	3	3.2	—	09 Sep 2004	1.3	3, 7	NA	NA	1	—
A	3TB-096	2.0–2.3	Soil	12W	3	3.2	—	09 Sep 2004	3.3	3, 7	NA	NA	1	—
A	3TB-096	2.3–3.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 1.0	3	—	—	—	—
A	3TB-096	3.3–4.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-096	4.3–5.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 1.0	3	—	—	—	—
A	3TB-096	5.3–6.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
B	3TB-097	0.0–0.3	Soil	12W	3	3.2	—	10 Sep 2004	0.51	4	09-29-2004	ND < 0.5	—	—
B	3TB-097	0.3–0.6	Soil	12W	3	3.2	—	10 Sep 2004	5.9	7	—	NT	1	—
B	3TB-097	4.3–6.3	Soil	12W	3	3.2	—	10 Sep 2004	ND < 0.50	—	—	—	—	—
B	3TB-097	0.6–1.6	Soil	12W	3	3.2	—	10 Sep 2004	**22**	3, 7	—	NT	1	—
B	3TB-097	2.3–4.3	Soil	12W	3	3.2	—	10 Sep 2004	**41**	3, 7	—	NT	1	—
B	3TB-097	0.0–2.0	Soil	12W	3	3.2	—	25 Jan 2007	1.54	4	02-13-2007	ND < 0.5	—	—
B	3TB-097	2.0–4.0	Soil	12W	3	3.2	—	25 Jan 2007	**290**	4, E, S	02-13-2007	2.3	E	—
—	3TB-098	0.0–0.3	Soil	12W	3	3.2	—	10 Sep 2004	1.4	4	09-29-2004	ND < 0.5	—	—
—	3TB-098	0.3–1.3	Soil	12W	3	3.2	—	10 Sep 2004	ND < 0.50	—	—	—	—	—
—	3TB-098	1.3–1.6	Soil	12W	3	3.2	—	10 Sep 2004	1.9	7	NA	NA	1	—
—	3TB-098	1.3–1.6 **D**	Soil	12W	3	3.2	—	10 Sep 2004	1.6	5, 7	NA	NA	1	—
—	3TB-098	2.3–4.3	Soil	12W	3	3.2	—	10 Sep 2004	1	4	09-29-2004	ND < 0.5	—	—
—	3TB-098 **EB**	1.3–1.6	Water	12W	3	3.2	—	10 Sep 2004	ND < 0.50	—	—	—	—	—
—	3TB-194	0.0–0.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3TB-194	0.3–2.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3TB-194	2.3–4.3	Soil	12W	3	3.2	—	17 Nov 2004	0.9	4	12-15-2004	ND < 0.5	—	—
—	3TB-194	4.3–6.3	Soil	12W	3	3.2	—	17 Nov 2004	3.5	4	12-15-2004	ND < 0.5	—	—
—	3TB-195	0.0–0.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3TB-195	0.3–1.3	Soil	12W	3	3.2	—	17 Nov 2004	4.8	4	12-15-2004	ND < 0.5	—	—
—	3TB-195	1.3–2.3	Soil	12W	3	3.2	—	17 Nov 2004	3.5	4	12-15-2004	ND < 0.5	—	—
—	3TB-195	2.3–4.3	Soil	12W	3	3.2	—	17 Nov 2004	**42**	3, 4	12-15-2004	ND < 0.5	—	—
—	3TB-195	4.3–6.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-196	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-196	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	1.57	4	12-20-2004	ND < 0.5	—	—
A	3TB-196	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	3.2	4	12-20-2004	ND < 0.5	—	—
A	3TB-196	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-196	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-197	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-197	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	2.31	4	12-20-2004	ND < 0.5	—	—
A	3TB-197	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	1.6	4	12-20-2004	ND < 0.5	—	—
A	3TB-197	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 1.0	3	—	—	—	—
A	3TB-197	4.3–5.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 1.0	3	—	—	—	—
A	3TB-197	5.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-197 **D**	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 1.0	3, 5	—	—	—	—
A	3TB-197 **EB**	2.3–4.3	Water	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-198	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-198	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	7.4	4	12-20-2004	ND < 0.5	—	—
A	3TB-198	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-198	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	1.2	3, 4	12-20-2004	ND < 0.5	—	—
A	3TB-198	4.3–5.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-198	5.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-199	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	0.74	15	—	—	—	—
A	3TB-199	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	3.5	4	12-20-2004	ND < 0.5	—	—
A	3TB-199	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	0.58	4	12-20-2004	ND < 0.5	—	—
A	3TB-199	2.3–3.3	Soil	12W	3	3.2	—	18 Nov 2004	0.54	4	12-20-2004	ND < 0.5	—	—
A	3TB-199	4.0–5.0	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-199	5.0–6.0	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-200	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-200	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	2.81	4	12-20-2004	ND < 0.5	—	—
A	3TB-200	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	5.3	4	12-20-2004	ND < 0.5	—	—
A	3TB-200	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-200	4.3–5.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-200	5.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	1.2	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-201	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	4.4	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	8.1	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	2.3–3.3	Soil	12W	3	3.2	—	18 Nov 2004	6.8	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	3.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	0.53	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-201 **D**	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	5.6	4, 5	12-20-2004	ND < 0.5	—	—
A	3TB-201 **EB**	0.3–1.3	Water	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	0.0–0.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	0.53	4	12-20-2004	ND < 0.5	—	—
A	3TB-202	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	0.95	4	12-20-2004	ND < 0.5	—	—
A	3TB-205	0.0–0.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-205	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-205	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-205	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	GP-07	8	Soil	12W	3	3.2	—	12 Dec 1997	ND	16	—	—	—	UI
—	GP-21	0–1	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	1–2	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	2–3	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	3–4	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	4–5	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	5–6	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	6–7	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	7–8	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	8–9	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	9–10	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	10–11	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	11–12	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	0–1	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	1–2	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	2–3	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	3–4	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	4–5	Soil	12W	3	3.2	—	22 Jan 1998	1.5	16	—	—	—	UI
—	GP-22	5–6	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-22	6–7	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-23	0–1	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-23	5–6	Soil	12W	3	3.2	—	22 Jan 1998	9.3	16	—	—	—	UI
—	GP-23	6	Soil	12W	3	3.2	—	22 Jan 1998	3.2	16	—	—	—	UI
—	GP-23	7	Soil	12W	3	3.2	—	22 Jan 1998	8.4	16	—	—	—	UI
—	GP-23	8	Soil	12W	3	3.2	—	22 Jan 1998	6.7	16	—	—	—	UI
—	GP-23	9	Soil	12W	3	3.2	—	22 Jan 1998	3.9	16	—	—	—	UI
—	GP-24	1	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	2	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	3	Soil	12W	3	3.2	—	22 Jan 1998	2	16	—	—	—	UI
—	GP-24	4	Soil	12W	3	3.2	—	22 Jan 1998	2.3	16	—	—	—	UI
—	GP-24	5	Soil	12W	3	3.2	—	22 Jan 1998	1.8	16	—	—	—	UI
—	GP-24	6	Soil	12W	3	3.2	—	22 Jan 1998	1	16	—	—	—	UI
—	GP-24	7	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	8	Soil	12W	3	3.2	—	22 Jan 1998	7.9	16	—	—	—	UI
—	GP-24	9	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	10	Soil	12W	3	3.2	—	22 Jan 1998	7.5	16	—	—	—	UI
—	GP-24	11	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	12	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	13	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	14	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	15	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	16	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	TB-YYY	0.3–1.3	Soil	12W	3	3.2	—	08 May 2002	NA	4	05-13-2002	ND < 0.5	—	—
A	3GP-266	4.0–4.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	I	—	—	—	—
A	GP-40	0–2	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-40	2–4	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-40	4–6	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-40	6–8	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	MW-06	5–9	Soil	12W	3	3.2	—	09 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	MW-52	4–6	Soil	12W	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	SS-AA	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	4	04-17-2002	ND < 0.5	—	—
—	SS-AA	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	0.83	4	—	—	—	—
A	SS-D1	0.0–1.0	Soil	12W	3	3.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
A	TB-AAAA	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	15–17	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	2.5–3.0	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	4–6	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	10–12	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	15–17	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	2.3–4.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	4.3–6.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-IIII	0.0–0.3	Soil	12W	3	3.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-IIII	0.3–1.3	Soil	12W	3	3.2	—	04 Apr 2002	1.9	4	04-17-2002	ND < 0.5	—	—
A	TB-IIII	4.3–6.3	Soil	12W	3	3.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	9.4	7	—	—	—	—
—	TB-YYY	11–12	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	15–17	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	2.3–3.3	Soil	12W	3	3.2	—	03 Apr 2002	3.1	4	04-17-2002	ND < 0.5	—	—
—	TB-YYY	3.3–4.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	5.3–6.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
B	3HA-600	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.7	—	08-Jan-08	ND < 0.5	—	—
B	3HA-601	3–3.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-602	3–3.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
B	3HA-603	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	3.4	E, S	08-Jan-08	ND < 0.5	—	—
B	3HA-604	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-605	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	5.8	E, S	—	—	—	—
B	3HA-606	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.3	—	—	—	—	—
B	3HA-607	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.6	—	—	—	—	—
B	3HA-608	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	4.6	S	08-Jan-08	ND < 0.5	—	—
B	3HA-609	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.3	S	08-Jan-08	ND < 0.5	—	—
B	3HA-610	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-611	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	2.1	—	—	—	—	—
B	3HA-612	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-613	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	2.3	—	—	—	—	—
B	3HA-614	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	5.5	E	08-Jan-08	ND < 0.5	—	—
B	3HA-615	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.47	—	08-Jan-08	ND < 0.5	—	—
B	3HA-616	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-617	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-618	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-619	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	FD	—	—	—	—
B	3HA-620	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
B	3HA-620	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.49	FD, LD	—	—	—	—
A	3HA-621	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	4.4	E	08-Jan-08	ND < 0.5	—	—
B	3HA-622	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.63	—	08-Jan-08	ND < 0.5	—	—
A	3HA-623	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-624	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-625	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.83	—	—	—	—	—
A	3HA-626	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.48	—	—	—	—	—
A	3HA-627	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	6.2	E	08-Jan-08	ND < 0.5	LD	—
A	3HA-627	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	6.2	E	09-Jan-08	ND < 0.5	LD	—
A	3HA-629	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-630	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-631	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-632	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-635	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-637	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-638	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-642	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.31	—	09-Jan-08	ND < 0.5	—	—
A	6AS-001	½ inch	Asphalt	12N	6	6.1	*EN01*	26 Aug 2004	ND < 0.50	—	—	—	—	—
A	6AS-001 **D**	½ inch	Asphalt	12N	6	6.1	*EN01*	26 Aug 2004	ND < 0.50	5	—	—	—	—
A	6CO-065	½ inch	Concrete	12N	6	6.1	*EN01*	26 Aug 2004	ND < 0.50	—	—	—	—	—
A	6CO-176	½ inch	Concrete	12N	6	6.1	*CB1*	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	6HX-007	NA	Hexane	12N	6	6.1	*EN01*	26 Aug 2004	ND < 10	10	—	—	—	—
A	6HX-007 **D**	NA	Hexane	12N	6	6.1	*EN01*	26 Aug 2004	ND < 10	5, 10	—	—	—	—
A	CB-1	0.0–0.8	Sediment	12N	6	6.1	*CB1*	10 May 2001	ND < 0.50	—	—	—	—	—
A	**EB**-06	NA	Water	12N	6	6.1	*EN01*	26 Aug 2004	ND < 12	9	—	—	—	—
A	Field Blank 2	NA	Hexane	12N	6	6.1	*EN01*	26 Aug 2004	ND < 5.0	—	—	—	—	—
A	MW-03	15–17	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-05	4–6	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-06	1–7	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-07	5	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-07A	7–9	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-AAAAA	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAAA	0.5–2.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	0.5–2.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	2.5–4.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	4.5–5.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCCC	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCCC	2–4	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCCC	4–5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDDD	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDDD	0.5–0.8	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEEE	0.0–0.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEEE	0.3–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEEE	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	0.0–0.3	Asphalt	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	0.5–0.8	Soil	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	2.5–3.5	Soil	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	3.5–4.5	Soil	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFFF	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFFF	0.5–0.8	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGGG	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGGG	0.5–1.2	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHHH	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHHH	0.5–2.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHHH	2.5–4.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-I	2–4	Soil	12N	6	6.1	—	14 May 2001	ND < 0.50	—	—	—	—	—
A	TB-IIIII	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-J	2–4	Soil	12N	6	6.1	—	14 May 2001	ND < 0.50	—	—	—	—	—
A	TB-JJJJJ	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJJ	0.3–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJJ	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	TB-KKKKK	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKKK	1–2	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKKK	4–5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-L	2–4	Soil	12N	6	6.1	—	14 May 2001	ND < 0.50	—	—	—	—	—
A	TB-UUUU	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUUU	1.2–1.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUUU	5–7	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWWW	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-XXXX	0.0–0.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-XXXX	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-XXXX	4.3–6.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	2.0–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	2.5–3.0	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	3–5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	5–7	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZZ	0.0–0.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZZ	0.3–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZZ	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	6PP-010	NA	Oil	12N	6	6.1	*EN01*	20 Jun 2007	45	S	—	—	—	—
—	6AS-011	½ inch	Asphalt	12E	6	6.2	*P23*	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	6AS-012	½ inch	Asphalt	12E	6	6.2	*P23*	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	6AS-013	½ inch	Asphalt	12E	6	6.2	*P23*	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	CB-4	0.0–0.5	Sediment	12E	6	6.2	*CB4*	25 Jul 2001	ND < 0.50	—	—	—	—	—
A	MW-04D	36–40	Soil	12E	6	6.2	—	10 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	MW-05	2–4	Soil	12E	6	6.2	—	26 May 1998	ND < 1.0	6	—	—	—	GEI
A	MW-09A	0–2	Soil	12E	6	6.2	—	26 May 1998	ND < 1.0	6	—	—	—	GEI
—	MW-10	9–11	Soil	12E	6	6.2	—	09 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	SED-1	1	Sediment	12E	6	6.2	*CB4*	12 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	6HA-255	NS	Soil	12E	6	6.2	—	17 Dec 2004	ND < 0.50	—	—	—	—	—
—	SS-L	0.2–0.8	Soil	12E	6	6.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
—	SS-M	0.0–0.2	Asphalt	12E	6	6.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
—	SS-M	0.2–0.8	Soil	12E	6	6.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
—	TB-HHH	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-HHH	1.3–2.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-HHH	2.3–4.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-HHH	4.3–6.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-II	5–7	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-III	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	10–12	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	1–3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	3.5–4.5	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	5–7	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJ	2–4	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-JJ	2–4	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJJ	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJJ	1–3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJJ	5–7	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KK	0–2	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-KK	2–4	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	0.0–0.3	Asphalt	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	1–3	Soil	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	3–5	Soil	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	5–7	Soil	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-LLL	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-LLL	1–3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-LLL	5–7	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MM	2–4	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-MMM	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	0.3–1.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	3.0–3.5	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	4–6	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	0.3–2.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	2.5–3.0	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	3.5–4.0	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	4.3–6.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQ	0–2	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
A	TB-QQ	10–12	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	0.3–2.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	2.3–4.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	4.3–5.0	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RR	2–4	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	0.6–2.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	2.6–4.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	6.6–8.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	TB-TTT	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTT	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTT	0.6–2.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTT	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-U	1–3	Soil	12E	6	6.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-UU	2–4	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	15–17	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	2.0–2.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	2.6–4.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-W	2–4	Soil	12E	6	6.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-WWW	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	0.3–2.0	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	20–22	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	2–4	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	4–6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-Z	2–4	Soil	12E	6	6.2	—	15 May 2001	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-13

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5CO-001	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**87**	—	—	—	—	—
—	5CO-002	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**15**	—	—	—	—	—
—	5CO-003	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**520**	—	—	—	—	—
—	5CO-004	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**22**	—	—	—	—	—
—	5CO-005	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**750**	—	—	—	—	—
—	5CO-006	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**650**	—	—	—	—	—
—	5CO-007	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**5.2**	—	—	—	—	—
—	5CO-008	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**15**	—	—	—	—	—
—	5CO-009	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**25.6**	—	—	—	—	—
—	5CO-009 **dup**	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**25**	5	—	—	—	—
—	5CO-010	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**4.4**	—	—	—	—	—
—	5CO-011	½ inch	Concrete	13	5	5.1	*P01C*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-012	½ inch	Concrete	13	5	5.1	*P01C*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-501	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**8.7**	—	—	—	—	—
—	5TB-001	0.0–0.5	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-001	0.5–2.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-001	2.5–4.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	0.0–0.5	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	0.5–2.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	2.5–3.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	3.5–5.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	0.0–0.5	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	0.5–1.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	1.5–2.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	4.5–6.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-004	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**1.4**	7	—	—	—	—
—	5TB-004	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-004	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-004	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND	8	—	—	—	—
—	5TB-005	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 2.0	3	—	—	—	—
—	5TB-005	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	3	4	09-17-2004	ND < 0.50	—	—
—	5TB-005	0.3–1.3 **D**	Soil	13	5	5.1	—	02 Sep 2004	2.1	4, 5	09-17-2004	ND < 0.50	—	—
—	5TB-005	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-005	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-005 **EB**	0.3–1.3	Water	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-006	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**3.9**	7	—	—	—	—
—	5TB-006	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-006	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-006	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-007	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**6.6**	7	—	—	—	—
—	5TB-007	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-007	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-007	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-008	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**2.6**	7	—	—	—	—
—	5TB-008	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-008	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-008	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-009	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**4.1**	7	—	—	—	—
—	5TB-009	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-009	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-009	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-010	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**28**	3	—	—	—	—
—	5TB-010	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-010	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-010	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-011	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**7.6**	7	—	—	—	—
—	5TB-011	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-011	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-011	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	1.5	4	09-17-2004	ND < 0.50	—	—
—	5TB-175	0.0–0.3	Asphalt	13	5	5.1	—	16 Nov 2004	0.74	—	—	—	—	—
—	5TB-175	0.3–1.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-175	1.3–2.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-175	2.3–4.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-175	4.3–6.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-175 **D**	1.3–2.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-175 **EB**	1.3–2.3	Water	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	0.0–0.3	Asphalt	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	0.3–1.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	1.3–2.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	2.3–4.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	4.3–6.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	4.3–5.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	5.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-13

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-178	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	4.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-179	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-179	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179	4.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179 **D**	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-179 **EB**	0.3–1.3	Water	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-180	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	4.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	**EB**-01	NA	Water	13	5	5.1	*P01A*	03 Aug 2004	ND < 10	9	—	—	—	—
—	TB-QQQQQ	0.0–0.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	0.3–1.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	1.3–2.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	10–12	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	2.3–4.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	5–7	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-WWWWW	0.0–0.3	Soil	13	5	5.1	—	22 Jul 2002	1.0	4	08-01-2002	ND < 0.50	—	—
—	TB-WWWWW	0.3–2.3	Soil	13	5	5.1	—	22 Jul 2002	**53**	4	08-01-2002	ND < 0.50	—	—
—	TB-WWWWW	2.3–4.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-WWWWW	5–7	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	0.0–0.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	0.3–2.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	10–12	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	2.3–4.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	5–7	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	5AS-014	½ inch	Asphalt	13	5	5.2	*P04*	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	5AS-015	½ inch	Asphalt	13	5	5.2	*P04*	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	5AS-016	3.0"–3.5"	Concrete	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-016	½ inch	Asphalt	13	5	5.2	*P04*	09 Nov 2004	**1.4**	3	—	—	—	—
—	5AS-023	½ inch	Asphalt	13	5	5.2	—	30 Nov 2004	0.53	—	—	—	—	—
—	5AS-024	½ inch	Asphalt	13	5	5.2	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5AS-025	½ inch	Asphalt	13	5	5.2	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5AS-026	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.57	—	—	—	—	—
—	5AS-027	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.9	—	—	—	—	—
—	5AS-027 **D**	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.6	5	—	—	—	—
—	5AS-027 **EB**	NA	Water	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-028	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.83	—	—	—	—	—
—	5AS-029	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	**1.9**	—	—	—	—	—
—	5AS-030	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	**4.1**	—	—	—	—	—
—	5AS-031	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	1	—	—	—	—	—
—	5AS-032	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.98	—	—	—	—	—
—	5AS-033	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.86	—	—	—	—	—
—	5AS-034	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.99	—	—	—	—	—
—	5AS-035	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	**1.1**	—	—	—	—	—
—	5AS-036	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-037	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.97	—	—	—	—	—
—	5AS-038	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.64	—	—	—	—	—
—	5AS-039	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-039	3.0"–3.5"	Concrete	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-013	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-014	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-015	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-016	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-017	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-018	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-018 **dup**	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	5	—	—	—	—
—	5GP-026	0.3–1.3	Soil	13	5	5.2	—	16 Dec 2004	2.7	4	01-11-2005	ND < 0.50	—	—
—	5GP-026	1.3–2.3	Soil	13	5	5.2	—	16 Dec 2004	1.3	4	01-11-2005	ND < 0.50	—	—
—	5GP-026	2.3–4.0	Soil	13	5	5.2	—	16 Dec 2004	2.1	4	01-11-2005	ND < 0.50	—	—
—	5GP-026	0.0–0.3	Asphalt	13	5	5.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-038	0.3–1.3	Soil	13	5	5.2	—	16 Dec 2004	6.7	4	01-11-2005	ND < 0.50	—	—
—	5GP-038	1.3–2.3	Soil	13	5	5.2	—	16 Dec 2004	6.9	4	01-11-2005	ND < 0.50	—	—
—	5GP-038	2.3–4.0	Soil	13	5	5.2	—	16 Dec 2004	3	4	01-11-2005	ND < 0.50	—	—
—	5GP-038	0.0–0.3	Asphalt	13	5	5.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-038 **D**	0.3–1.3	Soil	13	5	5.2	—	16 Dec 2004	6.6	4, 5	01-11-2005	ND < 0.50	—	—
—	5GP-038 **EB**	0.3–1.3	Water	13	5	5.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5HA-141	0.0–0.25	Soil	13	5	5.2	—	09 Nov 2004	**13.6**	3, 4	12-10-2004	ND < 0.50	—	—
—	5HA-141	0.25–1.25	Soil	13	5	5.2	—	09 Nov 2004	6.9	4	12-10-2004	ND < 0.50	—	—
—	5HA-142	0.0–0.25	Soil	13	5	5.2	—	09 Nov 2004	0.68	4	12-10-2004	ND < 0.50	—	—

English Station
PCB Analytical Results
AOC-13

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5HA-142	0.25–1.0	Soil	13	5	5.2	—	09 Nov 2004	**14**	3, 4	12-10-2004	2.5	—	—
—	5HA-143	0.0–0.25	Soil	13	5	5.2	—	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	Septic-East	0.0–0.3	Sludge	13	5	5.2	*Septic East*	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	5SD-007	0.0–0.3	Sediment	13	5	5.2	*Sump4*	04 Nov 2004	**1.8**	3, 4	11-24-2004	ND < 0.50	—	—
—	5TB-012	0.0–0.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-012	0.3–1.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-012	1.3–3.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-012	3.3–5.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	0.0–0.3	Asphalt	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	0.3–1.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	1.3–3.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	1.3–3.3 **D**	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3, 5	—	—	—	—
—	5TB-013	3.3–5.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013 **EB**	1.3–3.3	Water	13	5	5.2	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-014	0.0–0.3	Asphalt	13	5	5.2	—	03 Sep 2004	**2**	3	—	—	—	—
—	5TB-014	0.3–1.3	Soil	13	5	5.2	—	03 Sep 2004	**13**	3, 7	NA	NA	1	—
—	5TB-014	1.3–3.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-014	3.3–5.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-220	0.0–0.3	Asphalt	13	5	5.2	—	19 Nov 2004	**1.5**	—	—	—	—	—
—	5TB-220	0.3–1.3	Soil	13	5	5.2	—	19 Nov 2004	5.5	4	12-24-2004	ND < 0.50	—	—
—	5TB-220	1.3–2.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-220	2.3–4.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-220	4.3–6.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-220 **D**	0.3–1.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-220 **EB**	0.3–1.3	Water	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-225	0.0–0.3	Asphalt	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-225	0.3–0.8	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-225	0.8–1.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	**EB**-02	NA	Water	13	5	5.2	*P02*	03 Aug 2004	ND < 10	9	—	—	—	—
—	MW-18	14–16	Soil	13	5	5.2	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	SED-2	0.5	Sediment	13	5	5.2	*Sump2*	12 Jun 1998	1	6	—	—	—	GEI
—	TB-18	12–14	Soil	13	5	5.2	—	28 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-18A	16–18	Soil	13	5	5.2	—	28 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-PPPPP	0.0–0.3	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	0.3–1.3	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	10–12	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	15–17	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	2.3–4.3	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	20–22	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	25–27	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	5–7	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-YYYYY	0.0–0.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-YYYYY	0.3–2.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-YYYYY	4–6	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	0.0–0.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	0.3–2.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	10–12	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	2.3–4.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	5–7	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—

APPENDIX C

SITE PHOTOGRAPHS

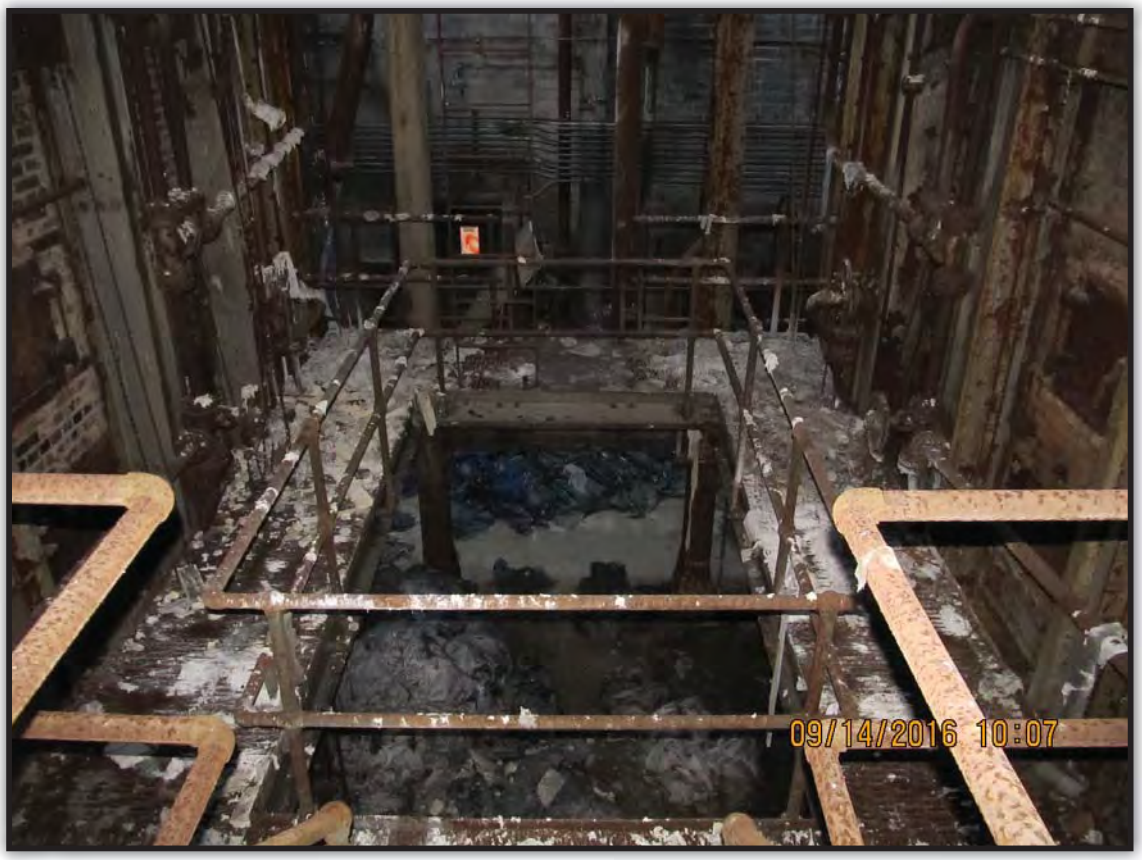

PHOTO 1. English Station - low pressure boiler area.

PHOTO 2. English Station - low pressure boiler area.

PHOTO 3. English Station - First Floor, west side of low pressure boiler

PHOTO 4. English Station - north end of low pressure boiler area.

PHOTO 5.
English Station - First Floor, east side, vicinity of Lighting Panel "OR."

PHOTO 6.
English Station - First Floor, west side of low pressure boiler area.

PHOTO 7.
English Station - Second Floor, Switch Cell Area.

PHOTO 8.
English Station - roof above northeast corner of high pressure boiler area.

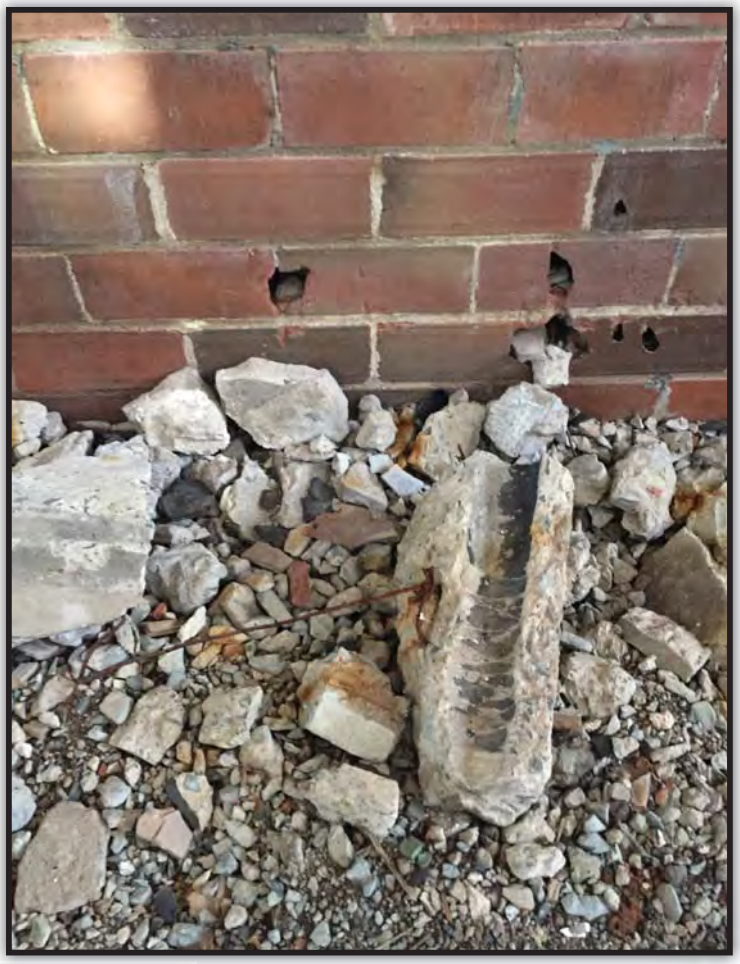

PHOTO 9.
English Station - Turbine Room,
f rst f oor, west side.

PHOTO 10.
English Station - Second
Floor, Switch Cell Area.

TRC
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APPENDIX B

Soil Boring Logs (electronic)

Boring Log

Record: 310	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*11:24:00*
End Date	*2017-07-21*
End Time	*11:24:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-2*
Boring Photo	
Notes	*2 samples* *Offset 5 ft east due to potential utilities*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco asphalt* *0.5-1 fco loose dry red FINE SAND* *1-5 medium dense dry brown MEDIUM SAND with little granulated coal and pulverized concrete*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown grey gravelly silt* *8-10 fco dense wet dark grey SILT with little black sand*

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Boring Log

Record: 313	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*11:34:00*
End Date	*2017-07-21*
End Time	*11:35:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-3*
Boring Photo	
Notes	*2 samples*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco asphalt* *0.5-5 fco loose dry brown MEDIUM SAND with some pulverized bricks and asphalt*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco medium dense wet brown fine sandy SILT* *7.5-10 fco loose wet grey brown STONE*

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Boring Log

Record: 319	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*11:59:00*
End Date	*2017-07-21*
End Time	*11:59:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-4*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco loose dry brown MEDIUM SAND* *1.5-3 fco loose dry black MEDIUM SAND (granulated coal)* *3-5 fco loose dry brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco medium dense brown gravelly SILT with little concrete* *7-10 fco medium loose wet brown SILT*

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Boring Log

Record: 889	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-05*
Start Time	*12:47:00*
End Date	*2017-09-05*
End Time	*13:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*5*
Completion Depth	*6*
Boring Photo	
Notes	*Sample* *5-1 - 3-3.5' PCBs* *5-2 - 5-6' PCBs*

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Samples	
Depth	*5*
Penetration (inches)	*24*
Recovery (inches)	*20*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Top 36" concrete* *12" pulverized concrete* *8" black sand fill with trace silt and gravel*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*12*
Recovery (inches)	*12*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill sand with trace silt and gravel. Refusal at 6' second layer of concrete present*
Notes	

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Boring Log

Record: 421	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*15:21:00*
End Date	*2017-07-25*
End Time	*15:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-6*
Boring Photo	
Notes	*3 samples* *1b for etph pahs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco asphalt and concrete*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco medium dense wet brown silty MEDIUM FINE SAND* *7-10 fco medium dense wet grey medium sandy SILT*

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Boring Log

Record: 1171	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-25*
Start Time	*14:00:00*
End Date	*2017-07-25*
End Time	*02:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*7*
Completion Depth	*10*
Notes	*Sample for PCBs* *0.5-1'* *1.5-2'* *5-5.5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *1' concrete* *Moist brown to black fill consisting of coarse sand with some gravel. Coal ash present.* *3-5' fill consisting of moist dark gray fine sand Utah some silt and trace clay/organics.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with fine sand and trace silt and gravel.*

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Boring Log

Record: 1177	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-25*
Start Time	*14:00:00*
End Date	*2017-07-25*
End Time	*02:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*8*
Completion Depth	*10*
Notes	*Sample:* *-1A: 0.5-1'* *-1B: 1-1.5'* *-2: 1.5-2'* *-3: 5-5.5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *1' concrete* *Moist brown to black fill consisting of coarse sand with some gravel. Coal ash present.* *3.5-5' fill consisting of moist dark gray fine sand Utah some silt and trace clay/organics.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*37*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with fine sand and trace silt and gravel.*

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Boring Log

Record: 418	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*15:48:00*
End Date	*2017-07-25*
End Time	*15:48:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-9*
Boring Photo	
Notes	*Cored about 3 ft of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3 fco concrete* *3-5 fco loose moist orange medium sandy brown MEDIUM COARSE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose moist brown MEDIUM SAND* *6-8 fco loose wet brown fine sandy SILT* *8-10 fco medium dense wet grey SILT*

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Boring Log

Record: 403	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*11:59:00*
End Date	*2017-07-25*
End Time	*11:59:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-10*
Boring Photo	
Notes	*3 samples* *Dup-23 on #1* *Cored top foot of concrete*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete and asphalt* *1.5-3.5 fco loose dry black COARSE SAND* *3.5-5 fco dense moist dark grey CLAY*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet dark grey silty GRAVEL*

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Boring Log

Record: 400	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*11:47:00*
End Date	*2017-07-25*
End Time	*11:47:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc-12e-so-11*
Boring Photo	
Notes	*3 samples* *1a for pcbs* *1b for pah and etph* *Cored top 1 ft of concrete* *Refusal at 4.5 ft*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3.5 fco concrete and asphalt* *3.5-4.5 fco brick and concrete*

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Boring Log

Record: 373	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*15:19:00*
End Date	*2017-07-25*
End Time	*15:28:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*12*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*41*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.2 fill consisting of CONCRETE; 1.5-5.0 fill consisting of medium SAND, little gravel.*
Notes	*Sample 0.5-1.0 pcbs; 1.0-1.5 etph; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium brown SAND and gravel.*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 370	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*15:00:00*
End Date	*2017-07-25*
End Time	*15:11:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*13*
Completion Depth	*10*
Boring Photo	
Notes	*Concrete refusal at 5*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 concrete; 0.5-4.8 fill consisting of medium SAND, little gravel; 4.8-5.0 CONCRETE*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs; 4.5-5.0 pcbs*

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Boring Log

Record: 391	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*11:06:00*
End Date	*2017-07-25*
End Time	*11:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-14*
Boring Photo	
Notes	*3 samples* *Dup-22 at sample 1 for pcbs only* *Cored top foot of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete pad* *1-4 fco concrete, asphalt* *4-5 fco loose moist orange medium sandy grey SILT*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet brown GRAVEL* *7-10 fco medium dense brown fine sandy SILT*

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Boring Log

Record: 397	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*11:31:00*
End Date	*2017-07-25*
End Time	*11:31:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-15*
Boring Photo	
Notes	*3 samples* *#1 pcb ms/msd* *Cored top foot of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete pad* *1-3.5 fco concrete, asphalt* *3.5-5 fco loose moist grey SILT*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco medium dense dark brown wet fine sandy SILT* *6-10 fco loose wet dark grey GRAVEL*

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Boring Log

Record: 367	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*14:00:00*
End Date	*2017-07-25*
End Time	*14:17:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*16*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*28*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 concrete; 0.5-5.0 fill consisting of medium SAND, little gravel.*
Notes	*Sample 0.5-1.5 pcbs, etph; 1.5-2.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium brown SAND and gravel.*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 778	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-05*
Start Time	*12:44:00*
End Date	*2017-09-05*
End Time	*13:33:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*17*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2' concrete; 2-4' fill consisting of coal ash and medium SAND; 4-5' fill consisting of wet, brown, medium SAND little gravel.*
Notes	*Sample 0.5-2.0 pcbs, etph; 2.0-3.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of medium, brown SAND*
Notes	*Sample 5-6 pcbs*

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Boring Log

Record: 1174	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-25*
Start Time	*15:06:00*
End Date	*2017-07-25*
End Time	*15:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*18*
Notes	*Sample:* *-1: 0.5-1'* *-2: 1.5-2'* *-3: 4.5-5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt, 8" concrete* *Fill consisting of moist black to brown with medium sand, trace silt and gravel.* *Concrete refusal at 5'*

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Boring Log

Record: 388	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*11:06:00*
End Date	*2017-07-25*
End Time	*11:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-19*
Boring Photo	
Notes	*3 samples* *Pahs etph pcbs at sample 1* *Cored top foot of concrete*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete pad* *1-3.5 fco concrete, asphalt* *3.5-5 fco loose moist orange medium sandy grey SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco medium dense wet brown SILT* *6.5-8 fco loose wet brown MEDIUM FINE SAND* *8-10 fco medium dense brown fine sandy SILT*

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Boring Log

Record: 394	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*11:20:00*
End Date	*2017-07-25*
End Time	*11:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-20*
Boring Photo	
Notes	*3 samples* *Cored top foot of concrete*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*12*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete pad* *1-4 fco concrete, asphalt* *4-5 fco loose moist grey SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet dark grey GRAVEL*

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Boring Log

Record: 904	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-05*
Start Time	*14:00:00*
End Date	*2017-09-05*
End Time	*15:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*21*
Completion Depth	*10*
Notes	*Offset* *52-1: 1-1.5'* *52-2: 1.5-2.5'* *53-3:* *Refusal at 5.5' no 3rd "deep" sample collected*

Samples	
Depth	*5*
Penetration (inches)	*54*
Recovery (inches)	*18*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *4" concrete* *Moist black fill with coarse sand and gravel. Trace pulverized concrete.*

Samples	
Depth	*5.5*
Penetration (inches)	*6*
Recovery (inches)	*0*
Depth (feet)	*5.5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	

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Boring Log

Record: 412	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*14:12:00*
End Date	*2017-07-25*
End Time	*14:12:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*22*
Boring Photo	
Notes	*Cored 1 ft into concrete* *3 samples* *#1b etph*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3 fco cement and granulated coal* *3-5 fco loose dry orange MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose moist brown MEDIUM SAND* *6.5-10 fco medium dense grey CLAY with some gravel*

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Boring Log

Record: 1087	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*10:00:00*
End Date	*2017-07-25*
End Time	*10:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-23*
Notes	*3 samples* *Ms/msd on 1* *Cored top foot of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete pad* *1.5-4.5 fco concrete, asphalt* *4.5-5 loose moist orange medium sandy grey SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown silty MEDIUM SAND* *8-10 fco medium dense brown fine sandy SILT*

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Boring Log

Record: 787	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-05*
Start Time	*13:40:00*
End Date	*2017-09-05*
End Time	*13:53:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*25*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel; 3-5 fill consisting of medium, brown SAND, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs, 1.5-2.5 pcbs, etph*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of medium, brown, damp SAND little gravel.*
Notes	*Sample 5-6 pcbs*

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Boring Log

Record: 406	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*14:06:00*
End Date	*2017-07-25*
End Time	*14:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-26*
Boring Photo	
Notes	*3 samples* *#1b etph pah* *Cored top foot of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2.5 fco concrete and asphalt* *2.5-5 fco loose dry brown MEDIUM FINE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet brown MEDIUM FINE SAND* *7.5-10 fco medium dense wet grey silty CLAY*

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Boring Log

Record: 325	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-24*
Start Time	*10:32:00*
End Date	*2017-07-24*
End Time	*10:32:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*27*
Boring Photo	
Notes	*3 pcb samples*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3.5 fco asphalt and concrete* *3.5-5 fco medium dense dry brown silty MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown silty GRAVEL* *8-10 medium dense wet black CLAY*

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Boring Log

Record: 343	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*09:33:00*
End Date	*2017-07-25*
End Time	*09:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*28*
Completion Depth	*10*
Boring Photo	
Notes	*Refusal at 4.5 shortened sampling depth*

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Samples	
Depth	*5*
Penetration (inches)	*54*
Recovery (inches)	*42*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.2 fill consisting of CONCRETE; 1.2-4.0 fill consisting of medium, dark brown SAND little gravel; 4.0-4.5 fill consisting of coarse, red-brown SAND.*
Notes	*Sample 1.2-2.0 pcbs; 2.0-2.5 pcbs; 4.0-4.5 pcbs Little recovery before 1.2 foot due to concrete coring*

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Boring Log

Record: 376	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*09:45:00*
End Date	*2017-07-25*
End Time	*09:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*29*
Boring Photo	
Notes	*3 samples* *Sample 1 etph pah pcb with dup-21a and dup-21b* *Cored top foot of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete pad* *1.5-4 fco concrete, asphalt* *4-5 fco loose moist orange medium sandy grey SILT*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*18*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet brown silty MEDIUM SAND* *7-10 fco medium dense brown fine sandy SILT*

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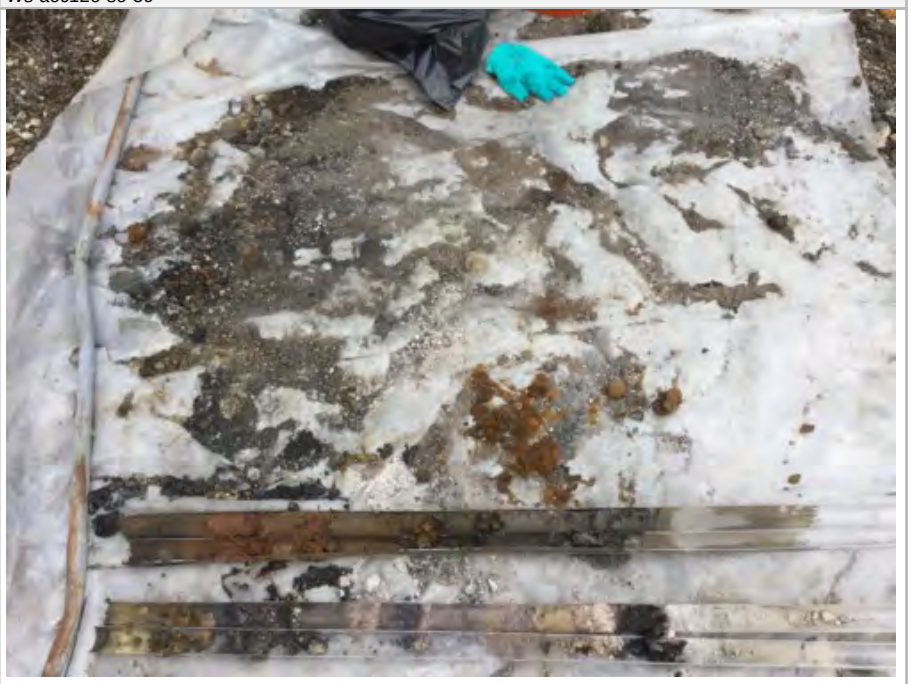
Boring Log

Record: 415	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*15:02:00*
End Date	*2017-07-25*
End Time	*15:02:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-30*
Boring Photo	
Notes	*3 samples* *#2b for etph pahs with ms/msd*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-4 fco concrete, granulated coal and asphalt* *4-5 fco loose dry orange silty MEDIUM FINE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 medium dense wet brown grey fine sandy SILT* *7.5-10 medium dense wet red brown SILT with some fine sand*

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Boring Log

Record: 322	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-24*
Start Time	*10:03:00*
End Date	*2017-07-24*
End Time	*10:03:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*31*
Boring Photo	
Notes	*4 pcb samples* *Sample 2 includes pcbs pahs etph with ms/msd for all three* *Offset 4 ft north due to surface concrete structure at proposed location*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry dark brown MEDIUM SAND* *1-2.5 fco loose dry red-brown MEDIUM SAND* *2.5-4 fco granulated coal* *4-5 fco medium dense dry grey tan silty COARSE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet black silty GRAVEL* *8-10 medium dense wet black CLAY*

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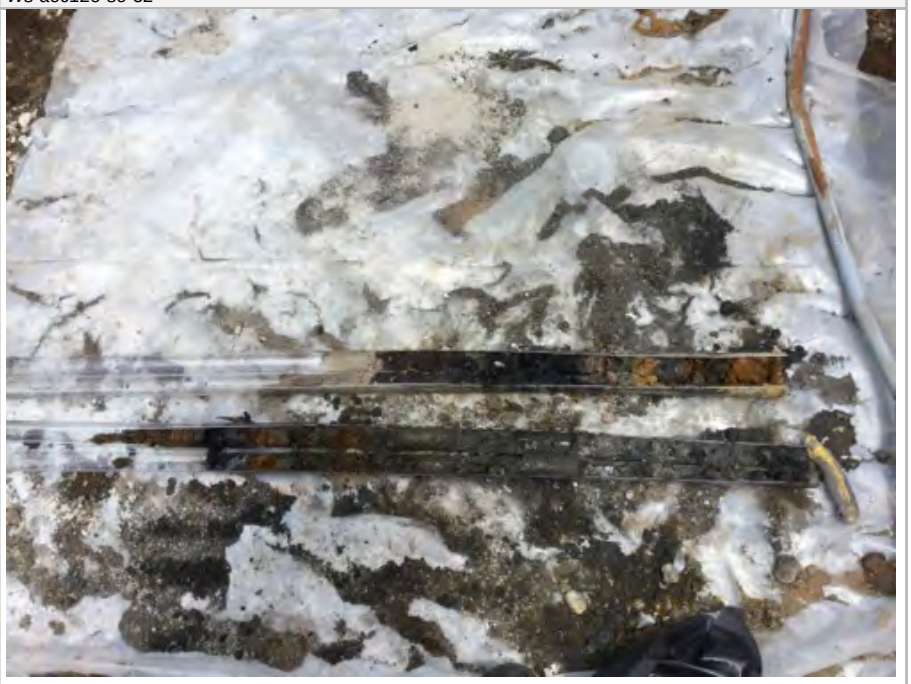
Boring Log

Record: 409	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*13:37:00*
End Date	*2017-07-25*
End Time	*13:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-32*
Boring Photo	
Notes	*3 samples* *#1b etph* *Cored top foot of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete and asphalt* *1.5-3.5 fco granulated coal* *3.5-5 fco loose dry orange MEDIUM SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet brown orange silty MEDIUM SAND* *7-10 fco medium dense dark grey silty GRAVEL*

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Boring Log

Record: 364	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*11:30:00*
End Date	*2017-07-25*
End Time	*11:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*33*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0fill consisting of medium SAND; 1.0-2.0 fill consisting of CONCRETE; 2.0-5.0 medium, dark brown SAND little gravel, little brick*
Notes	*Sample 0.5-1 pcbs; 1.5-2.0 pcbs;*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*41*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium brown SAND and coarse gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 340	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*09:33:00*
End Date	*2017-07-25*
End Time	*09:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*34*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of CONCRETE; 1.0-5.0'fill consisting of medium, dark brown SAND little gravel, little concrete, little brick*
Notes	*Sample 1.0-1.5 pcbs; 1.5-2.0 pcbs. Little recovery before 1 foot due to concrete coring*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of damp, dark brown, coarse SAND and gravel; 7-10 fill consisting of saturated, medium brown SAND and coarse gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 781	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-05*
Start Time	*13:40:00*
End Date	*2017-09-05*
End Time	*13:53:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*35*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel; 3-5 fill consisting of medium, brown SAND, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs, etph; 1.5-2.5 pcbs, pah*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of medium, brown, damp SAND little gravel.*
Notes	*Sample 5-6 pcbs*

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Boring Log

Record: 361	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*11:30:00*
End Date	*2017-07-25*
End Time	*11:46:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*36*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.2 fill consisting of CONCRETE; 1.2-5.0'fill consisting of medium, dark brown SAND little gravel, little brick*
Notes	*Sample 0.5-1 pcbs; 1.5-2.0 pcbs; 2.0-3.0 etph*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*53*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium brown SAND and coarse gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 913	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-06*
Start Time	*09:08:00*
End Date	*2017-09-05*
End Time	*09:19:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*37*
Completion Depth	*10*
Notes	*Sample:* *37-1: 1-1.5' PCBsETPH* *37-2: 1.5-2.5' PCBS ETPH* *37-3: 5-6' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Moist black fill with coarse sand, trace silt and gravel. Evidence of coal ash and brick*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet brown coarse to fine sand,,trace gravel and silt*

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Boring Log

Record: 358	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*11:19:00*
End Date	*2017-07-25*
End Time	*11:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*38*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.2 fill consisting of CONCRETE; 1.2-5.0'fill consisting of medium, dark brown SAND little gravel, little brick*
Notes	*Sample 0.5-1 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*53*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium brown SAND and coarse gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 916	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-06*
Start Time	*10:20:00*
End Date	*2017-09-06*
End Time	*22:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*39*
Completion Depth	*10*
Notes	*Sample:* *39-1: 1-1.5'* *39-2: 1.5-2.5'* *39-3: 5-6'* **39-3 is MS/MSD*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Wet black fill with coarse sand and trace gravel and silt. Signs of coal ash and brick*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet dark brown fill with coarse sand some gravel and trace silt. Minor septic odor present*

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Boring Log

Record: 355	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*10:44:00*
End Date	*2017-07-25*
End Time	*11:14:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*40*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of CONCRETE; 1.0-5.0'fill consisting of medium, dark brown SAND little gravel, little brick*
Notes	*Sample 0.5-1 pcbs; 1.0-1.5 etph, pah; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium brown SAND and coarse gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 796	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-06*
Start Time	*10:50:00*
End Date	*2017-09-06*
End Time	*10:58:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*41*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel, with 8" concrete; 3-5 fill consisting of medium, brown SAND, little brick, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs, 1.5-2.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of medium, brown, wet SAND little gravel.*
Notes	*Sample 5-6 pcbs*

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Boring Log

Record: 784	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-05*
Start Time	*14:23:00*
End Date	*2017-09-05*
End Time	*14:52:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*42*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of CONCRETE and medium, brown SAND; 1.5-5 fill consisting of medium, brown SAND, little gravel damp at 4.5-5*
Notes	*Sample 0.5-1.5 pcbs; 1.5-2.5 pcbs, etph*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 Fill consisting of medium, dark brown SAND with little organic silt, little gravel and bricks*
Notes	*Sample 5-6 pcbs plus dup 47*

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Boring Log

Record: 277	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*11:08:00*
End Date	*2017-07-21*
End Time	*11:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*43*
Completion Depth	*10*
Boring Photo	
Notes	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3 fill consisting of medium SAND and gravel, little concrete; 3.0-5.0 fill consisting of brown, medium to coarse Sand little gravel, damp at 4.5-5.0*
Notes	*Samples 0.5-1.0 pcbs plus dup 18; 1.5-2.0 pcbs*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, dark brown, medium SAND and gravel.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 385	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*10:51:00*
End Date	*2017-07-25*
End Time	*10:51:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-44*
Boring Photo	
Notes	*3 samples* *Cored top foot of concrete*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete pad* *1.5-4.5 fco concrete, asphalt* *4.5-5 fco loose moist orange medium sandy grey SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet brown silty MEDIUM SAND* *6.5-8 fco loose wet grey fine sandy GRAVEL* *8-10 fco medium dense brown fine sandy SILT*

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Boring Log

Record: 907	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-05*
Start Time	*15:00:00*
End Date	*2017-09-05*
End Time	*15:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*45*
Completion Depth	*10*
Notes	*Sample:* *45-1: (1-1.5) PCBs, ETPH* *45-2:(1.5-2.5') PCBs* *45-3: (5-6') PCBs*

Samples	
Depth	*5*
Penetration (inches)	*48*
Recovery (inches)	*34*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *10" concrete* *Moist black fill with coarse sand, trace silt and gravel*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand, trace silt and gravel. Slight septic odor.*

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Boring Log

Record: 280	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*11:22:00*
End Date	*2017-07-21*
End Time	*11:28:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*46*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-4.5 fill consisting of medium SAND and gravel, concrete; 4.5-5.0 fill consisting of damp, brown, medium to coarse Sand little gravel.*
Notes	*Samples 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, dark brown, medium SAND and gravel.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 349	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*10:26:00*
End Date	*2017-07-25*
End Time	*10:51:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*47*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of CONCRETE; 1.0-1.2 fill consisting of CONCRETE; 1.2-5.0'fill consisting of medium, dark brown SAND little gravel.*
Notes	*Sample 1.0-1.5 pcbs; 1.5-2.0 pcbs. 2;0-3.0 etph, pah; Little recovery before 1 foot due to concrete*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of damp, red-brown, fine SAND and gravel; 7-10 fill consisting of saturated, medium brown SAND and coarse gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 793	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-06*
Start Time	*10:50:00*
End Date	*2017-09-06*
End Time	*10:58:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*48*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel, with 8" concrete; 3-5 fill consisting of medium, brown SAND, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs, 1.5-2.5 pcbs, etph*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of medium, brown, wet SAND little gravel.*
Notes	*Sample 5-6 pcbs*

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Boring Log

Record: 910	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-06*
Start Time	*09:08:00*
End Date	*2017-09-06*
End Time	*09:19:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*49*
Completion Depth	*10*
Notes	*Second attempt, first boring refusal at 5'bgs. Offset ~3ft south* *Sample:* *49-1: 1-1.5'* *49-2: 1.5-2.5'* *49-3: 5-6'* *All for PCBs*

Samples	
Depth	*5*
Penetration (inches)	*48*
Recovery (inches)	*16*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *12" concrete* *Black moist fill with ,coarse sand and trace gravel and silt. Evidence of coal ash.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*18*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand and gravel,*

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Boring Log

Record: 283	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*11:32:00*
End Date	*2017-07-21*
End Time	*11:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*50*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-4.5 fill consisting of medium SAND and gravel, concrete; 4.5-5.0 fill consisting of damp, brown, medium to coarse Sand little gravel.*
Notes	*Samples 0.5-1.0 pcbs; 1.0-1.5 etph, pah; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, dark brown, medium to coarse SAND and gravel.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 790	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-06*
Start Time	*10:30:00*
End Date	*2017-09-06*
End Time	*10:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*51*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel; 3-5 fill consisting of medium, brown SAND, damp at 4-5 10" concrete*
Notes	*Sample 0.5-1.5 pcbs, 1.5-2.5 pcbs, etph*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of medium, brown, wet SAND little gravel.*
Notes	*Sample 5-6 pcbs*

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Boring Log

Record: 901	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-05*
Start Time	*12:47:00*
End Date	*2017-09-05*
End Time	*13:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*52 (offset)*
Completion Depth	*10*
Notes	*52-1: 1-1.5'* *Refusal at 6.5' offset boring ~5' to the southwest* *Intervals shifted due to poor recovery and presence of concrete*

Samples	
Depth	*5*
Penetration (inches)	*46*
Recovery (inches)	*12*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *12" concrete* *Moist black fill with coarse sand and gravel. Trace pulverized concrete.*

Samples	
Depth	*6.5*
Penetration (inches)	*1.5*
Recovery (inches)	*0*
Depth (feet)	*6.5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	

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Boring Log

Record: 286	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*12:18:00*
End Date	*2017-07-21*
End Time	*12:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*53*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-4.5 fill consisting of medium SAND and gravel, concrete; 4.5-5.0 fill consisting of damp, brown, medium to coarse Sand little gravel.*
Notes	*Samples 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, dark brown, medium to coarse SAND and gravel.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 298	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*13:01:00*
End Date	*2017-07-21*
End Time	*13:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*54*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of medium SAND and gravel; 1.0-2.0 fill consisting of CONCRETE and medium Sand; 2.0-5.0 fill consisting of dark, brown, medium SAND and gravel.*
Notes	*Samples 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, red-brown, medium to fine SAND.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 346	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-25*
Start Time	*10:06:00*
End Date	*2017-07-25*
End Time	*10:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*55*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of CONCRETE; 1.0-1.2 fill consisting of CONCRETE; 1.2-5.0'fill consisting of medium, dark brown SAND little gravel, little concrete, little brick*
Notes	*Sample 1.0-1.5 pcbs; 1.5-2.0 pcbs. 2;0-3.0 etph, pah; Little recovery before 1 foot due to concrete coring*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fill consisting of damp, brown, fine SAND and gravel; 9-10 fill consisting of saturated, medium brown SAND and coarse gravel*
Notes	*Sample 5-5.5 pcbs*

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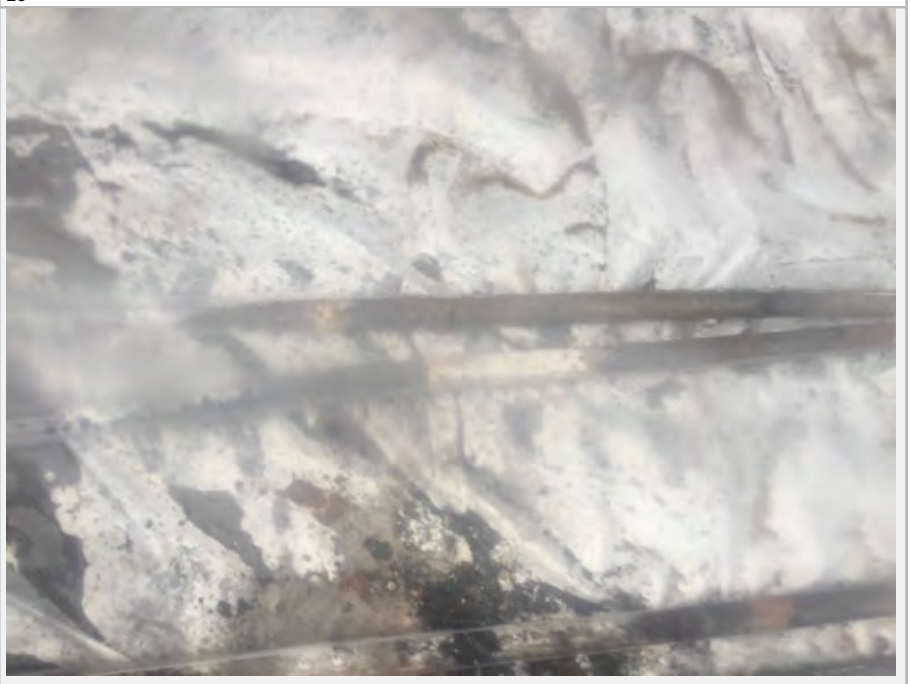
Boring Log

Record: 334	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-24*
Start Time	*10:07:00*
End Date	*2017-07-24*
End Time	*10:21:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*56*
Completion Depth	*10*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of concrete and medium, brown sand; 1.0-5.0'fill consisting of medium, brown SAND little gravel*
Notes	*Sample 0.5-1.0'pcbs; 1.5-2.0 pcbs*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of damp, medium, brown SAND little gravel; 7.5-10 fill consisting of saturated, dark brown, coarse SAND and gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 331	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-24*
Start Time	*10:04:00*
End Date	*2017-07-24*
End Time	*10:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*57*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.5 fill consisting of concrete and medium, brown sand; 1.5-5 fill consisting of medium, brown SAND little gravel*
Notes	*Sample 0.5-1.0'pcbs, 1.0-1.5 etph, pah; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of damp, medium, brown SAND little gravel; 7.5-10 fill consisting of saturated, dark brown, coarse SAND and gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 295	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*12:40:00*
End Date	*2017-07-21*
End Time	*12:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*58*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of medium SAND and gravel; 1.0-2.0 fill consisting of CONCRETE and medium Sand; 2.0-5.0 fill consisting of dark, brown, medium SAND and gravel.*
Notes	*Samples 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, red-brown, medium to fine SAND.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 337	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-24*
Start Time	*12:07:00*
End Date	*2017-07-24*
End Time	*12:21:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*59*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of concrete and medium, brown sand; 1.0-5.0'fill consisting of medium, dark brown SAND little gravel*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*59*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet to saturated, dark brown, coarse SAND and gravel*
Notes	*Sample 5-5.5 pcbs*

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Boring Log

Record: 379	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-25*
Start Time	*10:00:00*
End Date	*2017-07-25*
End Time	*10:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-60*
Boring Photo	
Notes	*3 samples* *Ms/msd on 1* *Cored top foot of concrete*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete pad* *1.5-4.5 fco concrete, asphalt* *4.5-5 fco loose moist orange medium sandy grey SILT*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*9*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown silty MEDIUM SAND* *8-10 fco medium dense brown fine sandy SILT*

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Boring Log

Record: 292	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*12:40:00*
End Date	*2017-07-21*
End Time	*12:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*61*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of medium SAND and gravel; 1.0-2.0 fill consisting of CONCRETE and medium Sand; 2.0-5.0 fill consisting of dark, brown, medium SAND and gravel.*
Notes	*Samples 0.5-1.0 pcbs; 1.5-2.0 pcbs plus dup 19*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, red-brown, medium to fine SAND.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 289	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*12:18:00*
End Date	*2017-07-21*
End Time	*12:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*62*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.0 fill consisting of medium SAND and gravel; 1.0-2.0 fill consisting of CONCRETE and medium Sand; 2.0-5.0 fill consisting of dark, brown, medium SAND and gravel.*
Notes	*Samples 0.5-1.0 pcbs; 1.0-1.5 etph, pah; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, dark brown, medium to coarse SAND and gravel.*
Notes	*Sample 5-5.5 pcb*

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Boring Log

Record: 328	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-24*
Start Time	*12:06:00*
End Date	*2017-07-24*
End Time	*12:05:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*63*
Boring Photo	
Notes	*Used concrete drill bit to get through top foot of concrete footing* *3 samples*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete slab* *1..5-3 fco asphalt* *3-5 fco loose dry brown MEDIUM SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet brown fine sandy GRAVEL* *7-10 fco medium dense wet grey CLAY*

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Boring Log

Record: 1168	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-24*
Start Time	*12:00:00*
End Date	*2017-07-24*
End Time	*12:10:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*64*
Completion Depth	*10*
Notes	*Sample PCBs* *-1: 0.5-1'* *-2: 1.2-2'* *-3: 5-5.5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*26*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt, 1' concrete* *Moist brown fill consisting of medium sand with trace gravel.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*41*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black to brown fill consisting of coarse sand with some gravel*

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Boring Log

Record: 307	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*11:01:00*
End Date	*2017-07-21*
End Time	*11:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12E*
Boring Number	*Ws-aoc12e-so-1*
Boring Photo	
Notes	*2 samples*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco asphalt* *0.5-3 fco loose dry red FINE SAND* *3-5 medium dense dry dark grey SILT*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet dark grey gravelly silt* *8-10 fco weathered concrete*

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Boring Log

Record: 274	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*09:15:00*
End Date	*2017-07-21*
End Time	*09:24:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*2*
Completion Depth	*5*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of medium to fine sand and gravel; 0.5-5.0 fill consisting of brown, medium to coarse Sand little gravel.*
Notes	*Samples 0.0-0.25 pcbs*

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Boring Log

Record: 271	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-21*
Start Time	*08:51:00*
End Date	*2017-07-21*
End Time	*09:04:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*3*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.0 fill consisting of medium to fine sand and gravel; 1.0-5.0 fill consisting of dark, brown, medium to coarse Sand little gravel.*
Notes	*Samples 0.0-0.5 pcbs plus ms/msd*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of damp, brown, medium to coarse SAND, little gravel. No odor*
Notes	

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of dark brown, saturated medium to fine SAND and Silt; little organic, littl gravel*
Notes	*Sample 12-13 pcbs, etph, pah*

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Boring Log

Record: 217	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*09:34:00*
End Date	*2017-07-21*
End Time	*09:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*Ws-aoc5-so-4*
Boring Photo	
Notes	*1 sample*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry tan MEDIUM COARSE SAND with little brown sand*

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Boring Log

Record: 214	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*09:01:00*
End Date	*2017-07-21*
End Time	*09:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*Ws-aoc5-so-5*
Boring Photo	
Notes	*1 sample*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*41*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry tan MEDIUM COARSE SAND with little brown sand and brick*

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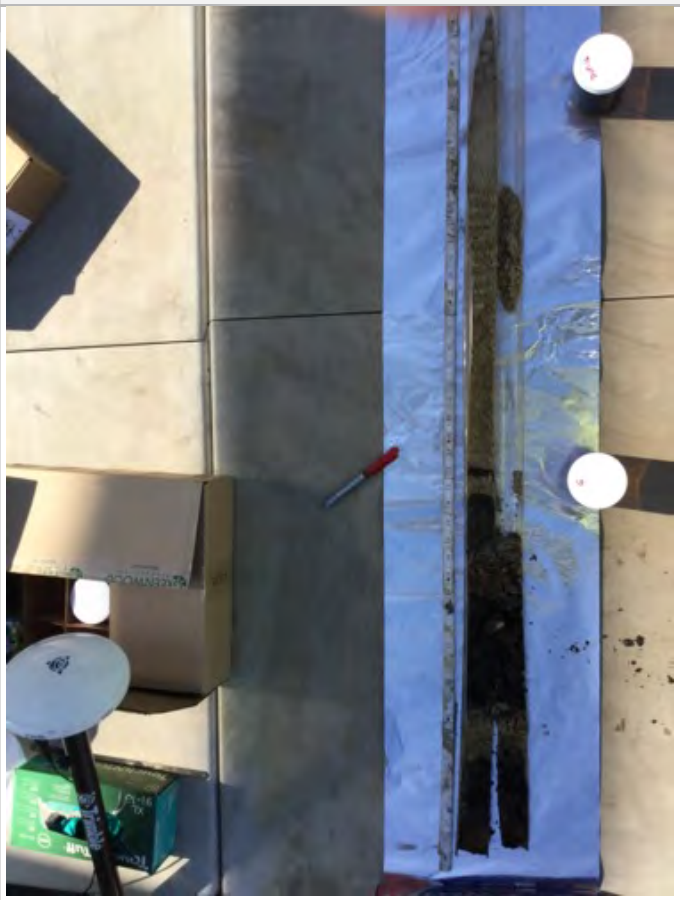
Boring Log

Record: 205	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*08:49:00*
End Date	*2017-07-21*
End Time	*08:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*Ws-aoc5-so-6*
Boring Photo	
Notes	*1 sample + dup-16*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3 fco loose dry tan MEDIUM COARSE SAND* *3-5 fco medium dense dry black MEDIUM SAND*

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Boring Log

Record: 220	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*09:35:00*
End Date	*2017-07-21*
End Time	*09:35:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*Ws-aoc5-so-7*
Boring Photo	
Notes	*1 sample*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-4 fco loose dry tan MEDIUM COARSE SAND* *4-5 fco loose moist brown MEDIUM SAND*

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Boring Log

Record: 211	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*09:08:00*
End Date	*2017-07-21*
End Time	*09:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*Ws-aoc5-so-8*
Boring Photo	
Notes	*2 samples*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry tan MEDIUM COARSE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fco loose moist tan MEDIUM COARSE SAND* *9-10 fco loose wet grey 1" STONE*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*34*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet grey 1/2" RIVER STONE* *11-12 fco medium dense wet brown silty CLAY* *12-15 fco loose wet brown silty 1/2" RIVER STONE*

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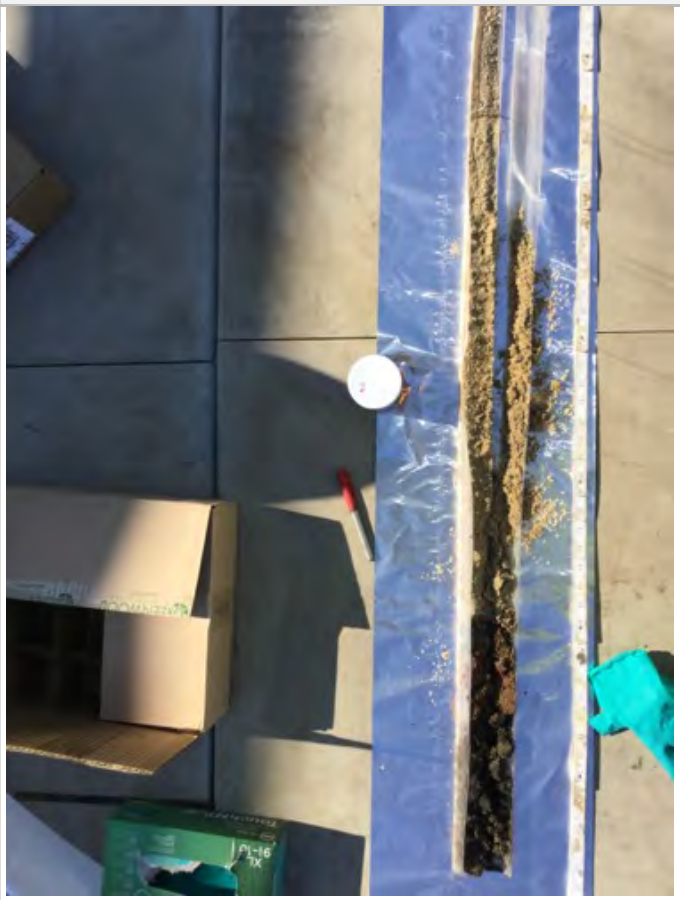
Boring Log

Record: 208	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*09:01:00*
End Date	*2017-07-21*
End Time	*09:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*Ws-aoc5-so-9*
Boring Photo	
Notes	*1 sample*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3.5 fco loose dry tan MEDIUM COARSE SAND* *3.5-5 fco medium dense dry brown-black MEDIUM SAND*

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Boring Log

Record: 304	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-21*
Start Time	*09:55:00*
End Date	*2017-07-21*
End Time	*09:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-5*
Boring Number	*Ws-aoc5-so-1*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2 fco loose dry brown medium sandy 3/4" STONE* *2-3 fco loose dry tan MEDIUM SAND* *3-5 fco loose brown MEDIUM SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fco loose moist tan MEDIUM COARSE SAND* *9-10 fco loose wet black silty MEDIUM SAND*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fco medium dense moist SILT with organics*

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Boring Log

Record: 730	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-03*
Start Time	*08:32:00*
End Date	*2017-08-03*
End Time	*09:02:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-2*
Boring Number	*2*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*53*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick.*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of brown, medium SAND and gravel, little brick, damp at 9.5-10*
Notes	*7-8.5 pcbs, etph, pah, vocs plus dup 45 for pcbs*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 Fill consisting of wet, brown, medium SAND, little gravel*
Notes	*Sample 13-14 pcbs, etph, pah, vocs*

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Boring Log

Record: 733	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-03*
Start Time	*09:03:00*
End Date	*2017-08-03*
End Time	*09:24:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-2*
Boring Number	*3*
Completion Depth	*15*
Boring Photo	
Notes	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*54*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, little concrete*
Notes	

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of brown, medium SAND and gravel, little brick, damp at 9.5-10*
Notes	*7-8.5 pcbs, etph, pah, vocs plus ms/msd pcbs, pah*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*59*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-13.5 Fill consisting of wet, brown, coarse SAND; 13.5-15 fill consisting of wet, brown, medium SAND and gravel.*
Notes	*Sample 13-14 pcbs, etph, pah, vocs*

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Boring Log

Record: 739	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-03*
Start Time	*10:30:00*
End Date	*2017-08-03*
End Time	*10:47:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-2*
Boring Number	*4*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, little concrete*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of brown, medium SAND and gravel, little brick, little concrete, damp at 9.5-10*
Notes	*7-8.0 pcbs, etph, pah, vocs*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*60*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of wet, brown, medium SAND and gravel.*
Notes	*Sample 13-14 pcbs, etph, pah, vocs*

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Boring Log

Record: 736	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-03*
Start Time	*09:48:00*
End Date	*2017-08-03*
End Time	*10:27:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-2*
Boring Number	*1*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*54*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, little concrete*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*58*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of brown, medium SAND and gravel, little brick, little concrete, damp at 9.5-10*
Notes	*7-8.5 pcbs, etph, pah, vocs plus dup 46'formpcbs*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*60*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of wet, brown, medium SAND and gravel.*
Notes	*Sample 13-14 pcbs, etph, pah, vocs*

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Boring Log

Record: 1018	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*13:05:00*
End Date	*2017-09-08*
End Time	*13:16:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*106*
Completion Depth	*15*
Filter Pack Material	
Notes	*Sample:* *106-1: 5-7' PCBs, ETPH, PAHs* *106-2: 10-12' PCBs* *106-3: 12-14' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill fine to coarse sand with some silt. Trace gravel and organic soil.*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*15*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill fine to coarse sand with some silt. Trace gravel. And organics. Septic odor present.*

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Boring Log

Record: 850	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-11*
Start Time	*09:55:00*
End Date	*2017-09-11*
End Time	*10:10:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*107*
Completion Depth	*15*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium, brown SAND and silt; .5-4' fill consisting of medium, brown SAND, little gravel, little fine sand; 4-5 fill consisting of damp, dark brown, medium SAND and gravel.*
Notes	

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of medium to coarse, saturated, brown SAND and gravel.*
Notes	*Samples - 5-7 pcb, etph plus dup 60*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*53*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-13 fill consisting of saturated, fine, grey brown SAND; 13-15' fill consisting of damp, brown clayey SILT with fine sand.*
Notes	*Sample 10-12' pcb, pah; 12-14 pcb, arsenic*

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Boring Log

Record: 1015	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*13:05:00*
End Date	*2017-09-08*
End Time	*13:16:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*108*
Completion Depth	*15*
Notes	*Sample:* *108-1: 5-7' PCBs, ETPH, PAHs* *108-2: 10-12' PCBs* *108-3: 12-14' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill fine to coarse sand with some silt. Trace gravel and organics. Slight sheening observed at 10' no PID spikes or odors.*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*15*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill fine to coarse sand with some silt. Trace gravel. And organics. Septic odor present.*

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Boring Log

Record: 1012	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*12:50:00*
End Date	*2017-09-08*
End Time	*13:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*109*
Completion Depth	*15*
Notes	*Sample:* *109-1: 5-7' PCBs, ETPH, PAHs* *109-2: 10-12' PCBs* *109-3: 12-14' PCBs (DUP-59)*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill fine to coarse sand with some silt. Trace gravel.*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*15*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill fine to coarse sand with some silt. Trace gravel.*

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Boring Log

Record: 847	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-11*
Start Time	*09:35:00*
End Date	*2017-09-11*
End Time	*09:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*110*
Completion Depth	*5*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium, brown SAND and silt; .5-5 fill consisting of medium, brown SAND, little gravel, little fine sand.*
Notes	*Sample 0-.25 pcbs, 0.5-1.5 pcb, ms/msd; 3-4 pcb, etph*

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Boring Log

Record: 844	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-11*
Start Time	*09:22:00*
End Date	*2017-09-11*
End Time	*09:32:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*111*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium, brown SAND and silt; .5-5 fill consisting of medium, brown SAND, little gravel*
Notes	*Sample 0-.25 pcbs, 0.5-1.5 pcb, etph ms/msd; 3-4 pcb, arsnic*

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Boring Log

Record: 1048	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*12:06:00*
End Date	*2017-09-11*
End Time	*12:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*112*
Completion Depth	*5*
Notes	*Sample depths:* *-1: 0-0.25' PCBs, ETPH* *-2: 0.5-1.5' MS/MSD PCBs* *-3: 3-4' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*26*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown to black fill with coarse sand and trace gravel and silt. Coal ash and brick present.*

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Boring Log

Record: 52	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*10:35:00*
End Date	*2017-07-17*
End Time	*10:36:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-1*
Completion Depth	*10*

Samples	
Sample Description & Classification (Modified Burmister)	*Na*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*100*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt, .5-5' - fill consisting of coarse sand, clinker, little brick* *5'-7' fill consisting of damp coarse sand, little clinker* *7'-10' fill consisting of wet coarse sand little medium silt*
Notes	*0.5-1.0, 3-4, 7-8*

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Boring Log

Record: 46	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*10:44:00*
End Date	*2017-07-18*
End Time	*10:46:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-2*
Notes	*Offset about 5 ft north due to the presence of a large opening in the cooling tunnel ceiling at the proposed boring location* *Ws-aoc12w-2-1a total and splp pcbs @ 0.5-1* *Ws-aoc12w-2-1b total pahs @1-1.5* *Ws-aoc12w-2-2 total pcbs @3-3.5* *Ws-aoc12w-2-3 total pcbs @7-7.5*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco medium-dense wet black stony medium-coarse SAND with little silt*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized brick and asphalt* *1-5 fco clinker with some loose dry Stoney tan-brown medium SAND*

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Boring Log

Record: 55	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*11:21:00*
End Date	*2017-07-17*
End Time	*11:21:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*3*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*95*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt, .5-5 fill consisting of coarse sand, little brick, little gravel; 5-10 wet fill consisting of coarse sand and gravel*
Notes	*0.5-1.0 pcbs, 0.5-2.0 etph, 3-4 pchs, 7-8 pcbs*

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Boring Log

Record: 4	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
Start Time	*11:02:00*
End Date	*2017-07-17*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*WS-AOC12W-SO-4*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-4-1 taken 0.5-1 for total and splp pcbs* *Ws-aoc12w-so-4-2 taken 3-3.5 for total pcbs* *Ws-aoc12w-so-4-3 taken 7-7.5 for total pcbs* *0-5 interval had 3.4' recovery* *5-10 interval had 3.6' recovery* *0-0.5 fill consisting of (fco) loose dry fine SAND with little 2"+ grey stone* *0.5-5 fco dense dry brown medium SAND with some asphalt and 1" stone* *5-6 fco loose moist brown medium-coarse SAND* *6-10 fco loose wet grey fine SAND with some 1"+ grey stones*

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Boring Log

Record: 43	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*10:04:00*
End Date	*2017-07-18*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-5*
Notes	*Ws-aoc12w-5-1a total and splp pcbs @0.5-1* *Ws-aoc12w-5-1b total and splp etph and total arsenic @1-1.5* *Ws-aoc12w-5-2 total pcbs @3-3.5* *Ws-aoc12w-5-3 total pcbs @7-7.5*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco pulverized bricks and asphalt* *0.5-2.5 fco clinker* *2.5-5 fco loose dry tan-black stony medium SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*22*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco medium-dense moist black CLAY* *7.5-10 fco medium-dense wet black stony SILT*
Notes	*Sample included a significant amount of water*

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Boring Log

Record: 58	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*11:39:00*
End Date	*2017-07-17*
End Time	*11:39:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*6*
Completion Depth	*10*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*100*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt; .5-5.0 fill consisting of coarse sand and gravel; 5.0-10.0 wet fill consisting of coarse sand, little gravel*
Notes	*0.5-1.2 pcbs + dup 1, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 1165	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-18*
Start Time	*11:33:00*
End Date	*2017-07-18*
End Time	*11:40:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*7*
Completion Depth	*10*
Notes	*Sample PCBs* *-1: 0.5-1'* *-2: 3-3.5'* *-3: 7-7.5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*34*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *1"-5.0' fill consisting of moist black to brown coarse sand gravel. Coal ash present.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill consisting of coarse sand and little gravel.*

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Boring Log

Record: 7	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
Start Time	*11:25:00*
End Date	*2017-07-17*
End Time	*23:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*WS-AOC12W-SO-8*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-8-1a total and splp pcbs @ 0.5-1* *Ws-aoc12w-so-8-1b total pahs @1-1.5* *Ws-aoc12w-so-8-2 total pcbs @ 3-3.5* *Ws-aoc12w-so-8-3 total pcbs @7-7.5* *0-5 recovered 2.7 ft* *5-10 recovered 2.8 ft* *0-0.5 fco loose dry red 1"+ grey stony red fine SAND* *0.5-5 fco medium-dense dry black fine SAND (clinker) with some brown fine sand* *5-10 fco loose wet tan gravelly silt*

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Boring Log

Record: 40	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*09:52:00*
End Date	*2017-07-18*
End Time	*09:53:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-9*
Notes	*Ws-aoc12w-9-1 total and splp pcbs @0.5-1* *Ws-aoc12w-9-2 total pcbs @3-3.5* *Ws-aoc12w-9-3 total pcbs @7-7.5*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*28*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco pulverized bricks and asphalt* *0.5-3 fco clinker* *3-5 fco loose dry grey-tan medium-coarse SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 medium-dense stony brown-dark grey medium-coarse SAND*

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Boring Log

Record: 64	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*12:24:00*
End Date	*2017-07-17*
End Time	*12:24:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*10*
Completion Depth	*10*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*102*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt; .5-5 fill consisting of med to coarse sand, gravel, little brick; 5-10 wet fill consisting of coarse to medium sand, little gravel, little organic*
Notes	*0.5-1.0 splp pcbs, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 97	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*11:15:00*
End Date	*2017-07-18*
End Time	*11:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*11*
Completion Depth	*10*

Samples	
Depth	*10*
Penetration (inches)	*120*
Recovery (inches)	*102*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3 fill consisting of medium red-brown sand and gravel; 3-4.0 fill consisting of coal ash; 4.0-10.0 wet fill consisting of coarse brown sand and gravel.*
Notes	*Samples - 0.5-1.0 splp pcbs, 1.0-2.0 etph, pah, ar; 3-3.5 pcbs; 7-7.5 pcbs*

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Boring Log

Record: 49	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*11:02:00*
End Date	*2017-07-18*
End Time	*11:11:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-12*
Notes	*Offset southeast 10 ft to avoid drilling through the cooling tunnel* *Ws-aoc12w-12-1 total and splp pcbs at 0.5-1.5* *DUP-5 taken of Ws-aoc12w-12-1* *Ws-aoc12w-12-2 total pcbs at 3-3.5* *Ws-aoc12w-12-3 total pcbs at 7-7.5*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco pulverized bricks and asphalt* *0.5-2.5 fco clinker* *2.5-5 fco dense dry brown fine SAND with some grey clay and little red clay*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco medium-dense wet gravelly tan medium SAND* *7.5-9 fco medium-dense dark brown silty fine SAND* *9-10 fco loose wet black oSILT with organics*

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Boring Log

Record: 37	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*09:32:00*
End Date	*2017-07-18*
End Time	*09:33:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-13*
Completion Depth	*10*
Notes	*Ws-aoc12w-13-1a @0.5-1 total and splp pcbs* *Ws-aoc12w-13-1b @1-1.5 total etph and arsenic* *Ws-aoc12w-13-2 total pcbs* *Ws-aoc12w-13-3 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized rock and asphalt* *1-3 fco clinker* *3-5 fco dense dry grey clayey tan medium-coarse SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fco medium-dense wet grey-brown fine sandy SILT* *9-10 fco dense moist black CLAY with organic*

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Boring Log

Record: 61	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*12:11:00*
End Date	*2017-07-17*
End Time	*12:11:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*14*
Completion Depth	*10*
Notes	*Drove a second 0-5 for adequate recovery*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*110*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5 fill consisting of coarse sand, gravel and coal ash; 5-10 wet fill consisting of coarse sand and gravel*
Notes	*0.5-1.2 splp pcbs + ms, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 94	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*11:01:00*
End Date	*2017-07-18*
End Time	*11:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*15*
Completion Depth	*10*

Samples	
Depth	*10*
Penetration (inches)	*120*
Recovery (inches)	*108*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-4.5 fill consisting of medium brown sand and gravel, little ash, little brick; 4.5-10.0 wet fill consisting of coarse brown sand and gravel*
Notes	*0.5-1.0 splp pcbs, 3-3.5 pcbs, 7-7,5 pcbs*

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Boring Log

Record: 622	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*14:20:00*
End Date	*2017-07-18*
End Time	*14:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-16*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco pulverized asphalt and concrete* *0.5-3.5 fco granulated coal* *3.5-5 medium dense dry grey brown clayey MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco medium dense wet black CLAY* *8-10 fco medium dense wet dark grey gravelly SILT*

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Boring Log

Record: 34	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*09:14:00*
End Date	*2017-07-18*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-17*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized brick and asphalt (medium-dense dry grey stony red medium SAND)* *1-3 fco clinker/coal ash (loose dry black gravelly coarse SAND)* *3-5 fco dense dry grey clayey tan fine SAND*
Notes	*Sample 1 from 0.5-1 for total and splp pcbs with ms/msd, sample 2 from 3-3.5 for total pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-5.5 fco dense dry grey clayey tan fine SAND* *5.5-8 fco medium-dense wet stony grey SILT* *8-10 fco loose wet black coast SAND with some organic*
Notes	*Sample 3 @7-7.5 for total pcbs*

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Boring Log

Record: 67	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*12:49:00*
End Date	*2017-07-17*
End Time	*12:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*18*
Completion Depth	*10*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*82*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-4.5 fill consisting of med brown sand and coal ash; 4.5-10 wet fill consisting of coarse brown sand and gravel*
Notes	*0.5-1.0 splp pcbs, 1.0-1.5 pah, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 91	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*10:41:00*
End Date	*2017-07-18*
End Time	*10:41:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*19*
Completion Depth	*10*

Samples	
Depth	*10*
Penetration (inches)	*180*
Recovery (inches)	*150*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-3.0 fill consisting of red brown, medium sand and coarse gravel; 3.0-4.0 fill consisting of coal ash; 4.0-10.0 wet fill consisting of coarse brown sand and gravel*
Notes	*0.5-1.2 splp pcbs plus ms/msd, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 28	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
End Date	*2017-07-17*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-20*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-20-1 total and splp pcbs @0.5-1* *Ws-aoc12w-so-20-2 total pcbs @3-3.5* *Ws-aoc12w-so-20-3 total pcbs @7-7.5* *0-5 recovery 3.6 ft* *5-10 recovery 2.6 ft* *0-0.5 fco pulverized brick and asphalt* *0,5-2 fco clinker* *2-5 fco medium-dense dry tan-brown clayey medium SAND* *5-7 fco loose wet tan medium sandy SILT* *7-10 fco loose wet brown-black medium-coarse SAND*

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Boring Log

Record: 70	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*13:15:00*
End Date	*2017-07-17*
End Time	*13:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*21*
Completion Depth	*10*

Samples	
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt, .5-4.5 fill consisting of med brown sand with coal ash at 2-3, 4.5-10 wet fill consisting of coarse sand and gravel*
Notes	*0.5-1 splp pcbs, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 88	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*10:18:00*
End Date	*2017-07-18*
End Time	*10:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*22*
Completion Depth	*10*

Samples	
Depth	*10*
Penetration (inches)	*120*
Recovery (inches)	*102*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting red brown medium sand and coarse gravel; 3.0-4.5 fill consisting of coal ash, 4.5-10 fill consisting of wet coarse brown sand and gravel*
Notes	*0.5-1.2 splp pcbs plus dup-4, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 10	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
Start Time	*12:01:00*
End Date	*2017-07-17*
End Time	*12:31:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-23*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-23-1a total and splp pcbs @0.5-1* *Ws-aoc12w-so-23-1b total and splp etph and total arsenic @1-1.5* *Ws-aoc12w-so-23-2 total pcbs @3-3.5* *Ws-aoc12w-so-23-3 total pcbs @7-7.5* *0-5 recovery 2.9 ft* *5-10 recovery 3.4 ft* *0-0.5 fco medium-dense dry 1"+ grey Stoney red fine SAND* *0.5-1 fco medium-dense dry 1/2"- black stony medium SAND (clinker)* *1-5 fco loose dry grey medium-fine SAND* *5-6 fco loose wet tan fine sandy SILT* *6-10 fco loose wet brown medium SAND*

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Boring Log

Record: 25	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
End Date	*2017-07-17*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-24*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-24-1 total and splp pcbs @0.5-1* *Ws-aoc12w-so-24-2 total pcbs @3-3.5* *Ws-aoc12w-so-24-3 total pcbs @7-7.5* *0-5 recovery 3.1 ft* *5-10 recovery 3.2 ft* *0-1.5 fco pulverized brick and asphalt* *1.5-3.5 fco clinker* *3.5-5 fco dense moist grey-tan CLAY* *5-6.5 fco dense moist grey-tan CLAY* *6.5-8.5 fco medium-dense wet grey silty CLAY* *8.5-10 fco loose moist grey-red stony CLAY*

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Boring Log

Record: 73	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*13:33:00*
End Date	*2017-07-17*
End Time	*13:33:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*25*
Completion Depth	*10*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*105*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-5 fill consisting of coarse brown sand and gravel with coal ash at 2-3; 5-10 wet fill consisting of coarse brown sand and gravel*
Notes	*0.5-1.2 splp pcb with ms, 3-3.5 pcb, 7-7.5 pcb*

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Boring Log

Record: 85	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*10:07:00*
End Date	*2017-07-18*
End Time	*10:07:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*26*
Completion Depth	*10*

Samples	
Depth	*10*
Penetration (inches)	*120*
Recovery (inches)	*105*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of coarse red brown sand and gravel, 3.0-4.0 fill consisting of coal ash; 4.0-10.0 wet fill consisting of coarse sand and gravel*
Notes	*0.5-1.0 splp pcbs, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 13	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
Start Time	*00:35:00*
End Date	*2017-07-17*
End Time	*12:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-27-1*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-27-1 total and splp pcbs @0.5-1* *Ws-aoc12w-so-27-2 total pcbs @3-3.5* *Ws-aoc12w-so-27-3 total pcbs @7-7.5* *0-5 recovery 3.9 ft* *5-10 recovery 4.4 ft* *0-0.25 fco tarry asphalt* *0.25-2 fco loose dry red stony medium SAND* *2-2.25 fco clinker* *2.25-5 fco loose dry tan medium SAND* *5-8.5 fco medium-dense wet tan silty medium SAND* *8.5-10 fco medium-dense wet brown 1/2" stony medium SAND*

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Boring Log

Record: 22	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
End Date	*2017-07-17*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-28*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-28-1a total and splp pcbs @0.5-1* *Ws -aoc12w-so-28-1b total and splp pcbs @1-1.5* *Ws -aoc12w-so-28-2 total and splp pcbs @3-3.5* *Ws -aoc12w-so-28-3 total and splp pcbs @7-7.5* *0-5 recovery 3.4 ft* *5-10 recovery 3.9 ft* *0-1 fco pulverized brick and asphalt* *1-4 fco clinker* *4-4.5 fco dense moist brown-tan CLAY* *4.5-5 fco medium-dense dry grey medium SAND* *5-6 fco medium-dense dry grey medium SAND* *6-8 fco loose wet tan fine sandy SILT* *8-9 fco loose wet tan fine sandy SILT with some black fine SAND (possibly clinker fines)* *9-10 fco dense moist maroon-grey stony CLAY*

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Boring Log

Record: 76	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-17*
Start Time	*13:56:00*
End Date	*2017-07-17*
End Time	*13:56:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*29*
Completion Depth	*10*

Samples	
Penetration (inches)	*120*
Recovery (inches)	*102*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt; .5-5 fill consisting of coarse brown sand and gravel with coal ash at 1.5-3; 5-10 wet fill consisting of coarse gravel and sand*
Notes	*.5-1.2 splp pcbs with dup3, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 82	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*09:54:00*
End Date	*2017-07-18*
End Time	*09:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*30*
Completion Depth	*10*

Samples	
Depth	*10*
Penetration (inches)	*120*
Recovery (inches)	*104*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-3.0 fill consisting of red brown medium sand and coarse gravel; 3.0-4.5 fill consisting of coal ash and coarse sand; 4.5-8.5 - wet fill consisting of coarse sand and gravel; 8.5-10 wet fill consisting of medium sand little gravel, little organics*
Notes	*0.5-1.0 splp pcbs, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 16	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
End Date	*2017-07-17*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-31*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-31-1 total and splp pcbs @0.5-1* *Ws-aoc12w-so-31-2 total pcbs @3-3.5* *Ws-aoc12w-so-31-3 total pcbs @7-7.5* *0-5 recovery 3.3 ft* *5-10 recovery 3.8 ft* *0-1 fco pulverized brick and asphalt (loose dry red and black stony medium SAND)* *1-3.5 fco clinker* *3.5-5 fco medium-dense moist brown-grey silty medium-coarse SAND* *5-7 fco wet tan silty medium SAND* *7-10 fco loose wet brown-black silty coarse SAND*

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Boring Log

Record: 19	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
End Date	*2017-07-17*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-32*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-32-1 total and splp pcbs @0.5-1* *Ws-aoc12w-so-32-1 total pcbs @3-3.5* *Ws-aoc12w-so-32-1 total pcbs @7-7.5* *0-5 recovery 3.5 ft* *5-10 recovery 3.9 ft* *0-1.5 fco pulverized brick and asphalt* *1.5-4.5 fco clinker* *4.5-5 fco medium-dense dry tan-grey SILT* *5-7 fco medium-dense moist brown-grey stony SILT* *7-9.5 fco medium-dense wet brown-black silty medium-coarse SAND* *9.5-10 fco loose wet black organic SILT*

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Boring Log

Record: 31	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-17*
End Date	*2017-07-17*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-33*
Completion Depth	*10*
Notes	*Ws-aoc12w-so-33-1a total and splp pcbs @0.5-1* *Ws-aoc12w-so-33-1b total and splp etph and total arsenic @1-2* *Ws-aoc12w-so-33-2 total pcbs @3-3.5* *Ws-aoc12w-so-33-3total pubs @7-7.5* *0-5 recovery 2.9 ft* *5-10 recovery 3.3 ft* *0-2 fco pulverized brick and asphalt* *2-3 fco clinker* *3-5 fco medium-dense dry black-orange stony SAND* *5-8 fco medium-dense wet tan silty medium-fine SAND* *8-10 fco loose wet black stony (1"+) medium SAND*

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Boring Log

Record: 79	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*09:37:00*
End Date	*2017-07-18*
End Time	*09:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*34*
Completion Depth	*10*

Samples	
Depth	*0*
Penetration (inches)	*120*
Recovery (inches)	*100*
Depth (feet)	*0*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-4.5 fill consisting of coarse sand, gravel and coal ash at 2.5-3.5; 4.5-10 wet fill consisting of coarse sand and gravel*
Notes	*0.5-1.2 splp pcbs, 3-3.5 pcbs, 7-7.5 pcbs*

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Boring Log

Record: 604	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*12:54:00*
End Date	*2017-07-18*
End Time	*12:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-35*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown black MEDIUM SAND* *0.5-1 fco pulverized bricks and asphalt* *1-2 fco granulated coal* *2-5 fco medium dense dry tan FINE SAND with concrete at 4.5-5*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco medium dense wet tan silty FINE SAND* *8-9 fco medium dense wet brown silty FINE SAND* *9-10 fco loose wet black silty FINE SAND with organics*

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Boring Log

Record: 607	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*13:11:00*
End Date	*2017-07-18*
End Time	*13:11:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-36*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown MEDIUM SAND* *0.5-1 fco concrete* *1-4 fco granulated coal* *4-5 fco loose dry tan MEDIUM SAND with some coal and organics*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet black granulated coal with little organics* *7.5-8.5 fco dense wet tan gravelly CLAY* *8.5-10 fco medium dense wet brown gravelly CLAY with little medium sand*

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Boring Log

Record: 610	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*13:23:00*
End Date	*2017-07-18*
End Time	*13:23:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-37*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 pulverized brick and asphalt* *0.5-1.5 granulated coal* *1.5-4 fco loose dry black orange COARSE SAND with some coal* *4-5 fco loose moist dark grey SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*41*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet black organic CLAY* *8-10 fco pulverized concrete*

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Boring Log

Record: 613	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*13:41:00*
End Date	*2017-07-18*
End Time	*13:41:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-38*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 pulverized brick and asphalt* *0.5-1.5 granulated coal* *1.5-5 loose dry black orange COARSE SAND with some coal and little grey silt*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco medium dense wet tan gravelly MEDIUM SAND* *7.5-10 fco medium dense wet grey silty MEDIUM SAND with little gravel*

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Boring Log

Record: 109	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*13:53:00*
End Date	*2017-07-18*
End Time	*13:53:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*39*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of med, brown sand; .5-3 fill consisting of med, brown sand,little gravel, little coarse sand; 3-5 fill consisting of damp, medium, dense brown sand little gravel*
Notes	*Sample 0-0.5 splp pcbs. Plus dup 7;0.5-1.0 pcbs; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of dense, brown, medium sand damp; 7-10 fill consisting of wet, dense dark brown sand*
Notes	*7-7.5 pcbs*

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Boring Log

Record: 106	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*13:37:00*
End Date	*2017-07-18*
End Time	*13:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*40*
Completion Depth	*10*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.75 medium to fine brown sand fill; .75-3 fill consisting of dark brown sand little coarse, little brick, little gravel; 3-5 fill consisting of damp, dense, dark brown sand.*
Notes	*Sample0-.75 splp pcbs plus ms, .75-1.25 pcbs, 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, dense, dark brown sand*
Notes	*Sa mple 7-7.5 pcbs*

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Boring Log

Record: 103	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*13:17:00*
End Date	*2017-07-18*
End Time	*13:17:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*41*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.75 fine to med sand; .75-3.5 fill consisting of dark brown medium sand and gravel, little brick; 3.5-5.0 fill consisting of dark brown dense medium sand, little gravel*
Notes	*Sample 0-.75 splp pcbs; .75-1.25 pcbs; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5.0-10.0 wet fill consisting of dense medium dark brown sand little gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 100	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*13:04:00*
End Date	*2017-07-18*
End Time	*13:04:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*42*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium brown sand, .5-5.0 fill consisting of medium brown sand and gravel, little brick*
Notes	*Sample 0-0.5 splp pcbs; 0.5-1.0 pcbs; 1.0-2.0 splp etph, pah, ar; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 wet fill consisting of coarse to medium brown sand and gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 112	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*14:03:00*
End Date	*2017-07-18*
End Time	*14:03:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*43*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of med brown sand; 0.5-3.0 fill consisting of coarse brown sand transitioning to med, little brick; 3.0-5.0 fill consisting of damp, dense, brownSAND little gravel*
Notes	*0-0.5 splp pcbs, 0.5-1.5 pcbs, pahs; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of damp,dark brown medium SAND little gravel; 7-10 fill consisting of saturated dark brown coarse to medium Sand.*
Notes	*7-7.5pcbs*

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Boring Log

Record: 115	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-18*
Start Time	*14:17:00*
End Date	*2017-07-18*
End Time	*14:17:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*44*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of medium brown Sand;0.5-4.5 fill consisting of dense, dark brown medium Sand, some coarse gravel; 4.5-5.0 fill consisting of damp, brown medium SAND.*
Notes	*Sample 0-0.5 splp pcbs,0.5-1.0 pcbs, 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of damp, dark brown medium SAND; 7-10 fill consisting of saturated,dark brown coarse SAND and gravel.*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 619	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*14:10:00*
End Date	*2017-07-18*
End Time	*14:10:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-45*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry tan MEDIUM COARSE SAND* *1-1.5 fco pulverized brick and concrete* *1.5-5 fco loose moist black fine sandy SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco dense wet black fine sandy SILT with some gravel*

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Boring Log

Record: 616	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-18*
Start Time	*13:56:00*
End Date	*2017-07-18*
End Time	*13:56:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-46*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry tan MEDIUM SAND* *0.5-2 fco loose dry brown MEDIUM SAND with little brick* *2-5 fco medium dense moist black fine sandy SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco dense wet black SILT with organics*

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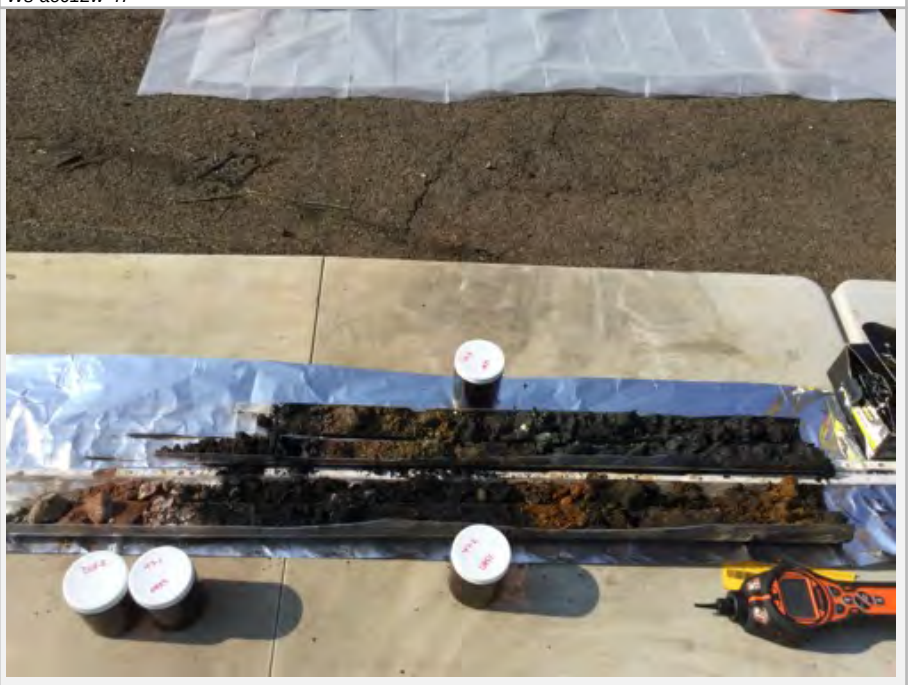
Boring Log

Record: 124	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*08:56:00*
End Date	*2017-07-19*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-47*
Boring Photo	
Notes	*Offset 5 ft to the southeast* *Samples* *1 and dup-8 @ 0.5-1.2 for total and splp pcbs* *2@3-3.5 for t pcbs* *3@7-7.5 for t pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco pulverized brick and asphalt* *0.5-3.5 fco granulated coal* *3.5-5 fco medium-dense dry orange brown MEDIUM SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*31*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco medium-dense wet medium brown MEDIUM COARSE SAND* *7-9 fco dense wet black CLAY with organic* *9-10 fco medium-dense wet black clayey MEDIUM SAND with organics*

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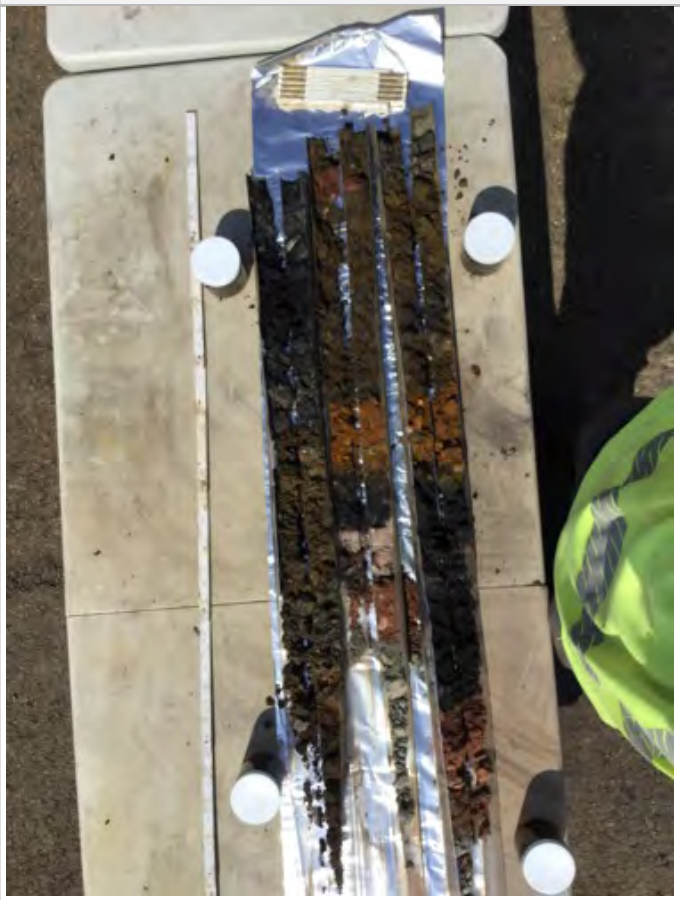
Boring Log

Record: 181	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*10:18:00*
End Date	*2017-07-20*
End Time	*10:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-48*
Boring Photo	
Notes	*Offset 4 ft north of proposed location due to debris on surface* *Samples* *1 total and splp pcbs with dup-14* *2 total pcbs* *3 total pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized brick and asphalt* *1-2.5 fco granulated coal* *2.5-5 loose dry orange-black MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown MEDIUM COARSE SAND* *8-10 fco medium dense wet silty CLAY with organics*

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Boring Log

Record: 223	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*10:35:00*
End Date	*2017-07-19*
End Time	*10:35:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*49*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt and gravel; .5-5 fill consisting of medium brown sand, coarse gravel, coal, little wood*
Notes	*Samples 0.5-1.0 splp pcbs, 1.0-2.5 etph, pah, ar; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of coarse, brown Sand and gravel saturated*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 508	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*08:57:00*
End Date	*2017-07-26*
End Time	*09:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*50*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Sample Description & Classification (Modified Burmister)	*0-1.0 fill consisting of medium, brown SAND; 1.0-5.0 fill consisting of fine red-brown SAND*
Notes	*0-0.5 pcbs, 0.5-1.0 pcbs, 1.0-2.0 ethp, pah, ar; 3-3.5 pcbs;*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*38*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of saturated, coarse GRAVEL, little med sand; 7-10 fill consisting of saturated, medium brown SAND and gravel.*
Notes	*7-7.5 pcbs*

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Boring Log

Record: 178	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*10:08:00*
End Date	*2017-07-20*
End Time	*10:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-51*
Boring Photo	
Notes	*Samples* *1 total and splp pcbs* *2 total pcbs* *3 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized bricks and asphalt* *1-4.5 fco granulated coal* *4.5-5 fco medium dense dry tan-brown silty MEDIUM SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*20*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet dark grey silty COARSE SAND* *7-9 fco dense moist dark grey CLAY* *9-10 fco dense moist dark grey clayey SILT*

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Boring Log

Record: 226	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*10:49:00*
End Date	*2017-07-19*
End Time	*10:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*52*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt and gravel; .5-2 fill consisting of medium, red brown Sand and gravel; 2-5 fill consisting of coal*
Notes	*Sample 0.5-1.0 splp pcbs; 3-3.5 pcbs;*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*58*
Sample Description & Classification (Modified Burmister)	*5-5.5 fill consisting of medium, brown sand and gravel; 5.5-10 fill consisting of saturated coarse, sand and gravel*
Notes	*Sample 7-7.5*

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Boring Log

Record: 253	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*10:09:00*
End Date	*2017-07-20*
End Time	*10:10:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*53*
Completion Depth	*10*
Boring Photo	
Notes	*Stepped out from wall 1.5 feet north*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.0 fill consisting medium, brown Sand and coarse, gravel; 2.0-4.5 fill consisting of coal ash; 4.-5.0 fill consisting of coarse, wet, brown sand and gravel*
Notes	*Samples 0.5-1.0 pcbs splp plus ms/msd; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10.0 fill consisting of wet, brown, coarse sand and gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 127	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*09:21:00*
End Date	*2017-07-19*
End Time	*09:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-54*
Boring Photo	
Notes	*Samples* *1@0.5-1.2 for total and splp pcbs with ms/msd* *2@3-3.5 for total pcbs* *3@7-7.5 for total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2 fco pulverized brick and asphalt* *2-4 fco granulated coal* *4-5 fco medium dense dry brown MEDIUM COARSE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*29*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet tan stony MEDIUM SAND* *7.5-10 fco medium dense wet silty MEDIUM SAND with gravel*

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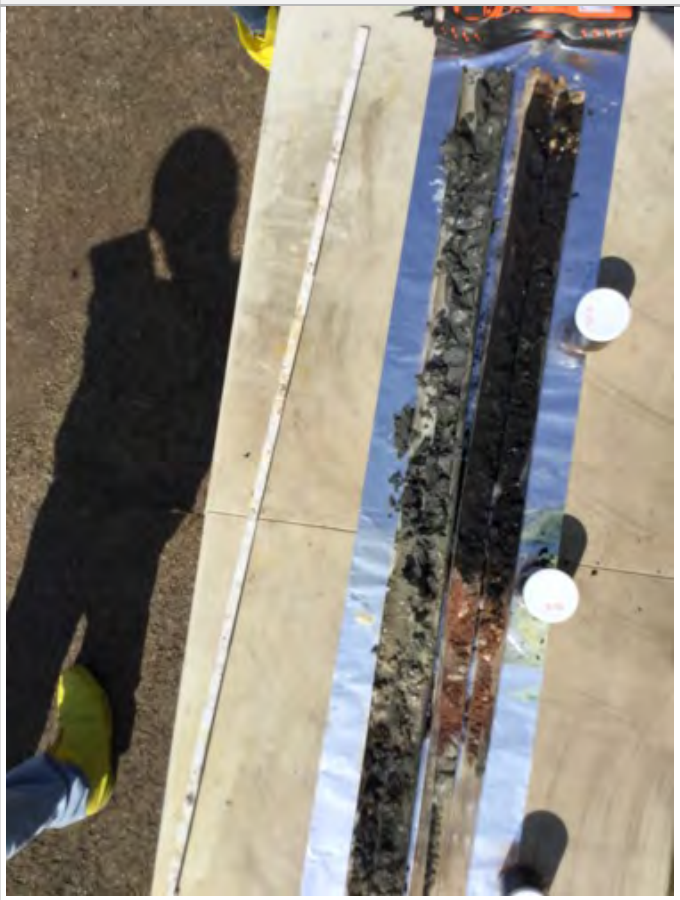
Boring Log

Record: 175	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*09:54:00*
End Date	*2017-07-20*
End Time	*09:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-55*
Boring Photo	
Notes	*Samples* *1 total and splp pcbs* *2 total pcbs* *3 total pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco pulverized bricks and asphalt* *1.5-5 fco granulated coal*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet dark grey silty COARSE SAND* *7.5-8.5 fco dense moist dark grey CLAY* *8.5-10 fco dense moist dark grey clayey SILT*

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Boring Log

Record: 229	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*11:06:00*
End Date	*2017-07-19*
End Time	*11:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*56*
Completion Depth	*10*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt and gravel; .5-1.5 fill consisting of medium brown sand and gravel; 1.5-5 fill consisting of coal ash*
Notes	*Sample 0.5-1 splp pcbs; 1-1.5 pah, 3-3.5 pcbs*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fill consisting of medium brown sand and gravel; 6-10 fill consisting of wet dense, brown, medium sand and gravel*

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Boring Log

Record: 250	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*09:50:00*
End Date	*2017-07-20*
End Time	*10:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*57*
Completion Depth	*10*
Boring Photo	
Notes	*Stepped out from wall 1.5 feet north*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.5 fill consisting medium, brown Sand and coarse, abundant gravel; 1.5-4.5 fill consisting of coal ash; 4.-5.0 fill consisting of coarse, wet, brown sand and gravel*
Notes	*Samples 0.5-1.0 pcbs splp; 1.0-2.0 etph, ar; 3-3.5 pcbs*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*59*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9.0 fill consisting of wet, brown, coarse sand and gravel; 9.0-10' fill consisting of gray fine, damp, dense silt, little sand clay gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 118	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*09:30:00*
End Date	*2017-07-19*
End Time	*09:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*58*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt; .5-5 fill consisting of coal ash with little brown sand and gravel*
Notes	*Sample 0.5-1.0 splp pcbs, 1.0-2.0 splp etph, ar, 3.0-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*60*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 wet fill consisting of medium brown sand, little gravel, little coal*
Notes	*Sample 7-7.5 pcbs*

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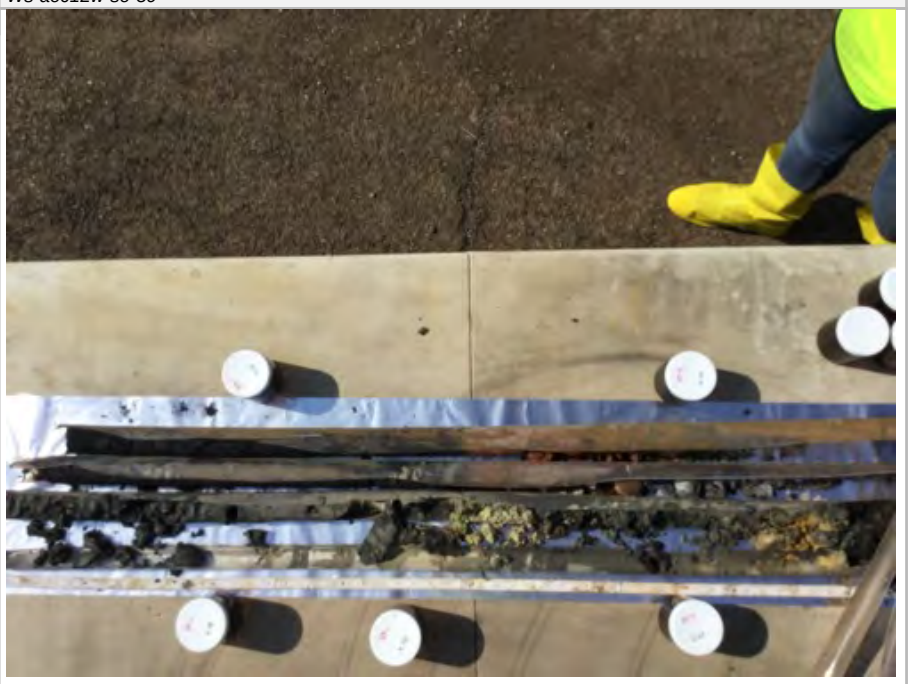
Boring Log

Record: 172	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*09:23:00*
End Date	*2017-07-20*
End Time	*09:23:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-59*
Boring Photo	
Notes	*Samples* *1 total and splp pcbs with ms/msd* *2 total pcbs* *3 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco pulverized bricks and asphalt* *1.5-5 fco granulated coal*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet dark grey silty COARSE SAND* *7.5-9 fco dense moist dark grey CLAY* *9-10 fco dense moist dark grey clayey SILT*

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Boring Log

Record: 232	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*11:28:00*
End Date	*2017-07-19*
End Time	*11:28:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*60*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt; .5-2.0 fill consisting of medium, red brown sand, little gravel; 2.0-5.0 fill consisting of coal ash*
Notes	*Samples 0-0.5 splp pcbs plus ms/msd; .5-1.5 etph, pah, ar plus ms/msd; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated coarse, brown sand and gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 247	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*09:36:00*
End Date	*2017-07-20*
End Time	*09:47:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*61*
Completion Depth	*10*
Boring Photo	
Notes	*Stepped out from wall 1.5 feet north*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.5 fill consisting medium, brown Sand and gravel; 1.5-4.5 fill consisting of coal ash; 4.-5.0 fill consisting of coarse, wet, brown sand and gravel*
Notes	*Samples 0.5-1.0 pcbs splp; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*58*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8.5 fill consisting of wet, brown, coarse sand and gravel; 8.5-10' fill consisting of gray fine, damp, dense silt, little sand clay gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 235	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*11:35:00*
End Date	*2017-07-19*
End Time	*11:35:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*62*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt and gravel; .5-1.2 fill consisting of medium, red brown sand and coarse gravel; 1.2-5 fill consisting of coal ash*
Notes	*Sample 0.5-1.0 splp pcbs; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*59*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fill consisting of coarse, wet, brown sand and gravel; 8-10 fill consisting of damp, brown fine sand and silt*
Notes	*Samplen7-7.5 pcbs*

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Boring Log

Record: 244	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*09:20:00*
End Date	*2017-07-20*
End Time	*09:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*63*
Completion Depth	*10*
Boring Photo	
Notes	*Stepped out from wall 1.5 feet north*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.5 fill consisting medium, brown Sand and gravel; 1.5-4.5 fill consisting of coal ash; 4.-5.0 fill consisting of coarse, wet, brown sand and gravel*
Notes	*Samples 0.5-1.0 pcbs splp; 1.0-1.5 pah; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*58*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8.5 fill consisting of wet, brown, coarse sand and gravel; 8.5-10' fill consisting of gray fine, damp, dense silt, little sand clay gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 130	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*09:46:00*
End Date	*2017-07-19*
End Time	*09:46:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-64*
Boring Photo	
Notes	*Offset 5 ft south due to no recovery 5-10 at original location* *Samples* *1a@0.5-1 total splp pcbs* *1b@1-1.5 etph and arsenic* *2@3-3.5 t pcbs* *No recovery on 5-10 on two attempts*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized bricks and asphalt* *1-4.5 fco granulated coal* *4.5-5 fco medium dense moist grey silty CLAY*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose moist tan MEDIUM SAND* *6-7.5 fco dense wet tan silty CLAY* *7.5-8 fco loose wet black gravelly CLAY with medium sand* *8-10 fco dense wet dark grey silty CLAY*

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Boring Log

Record: 169	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*08:55:00*
End Date	*2017-07-20*
End Time	*08:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-65*
Boring Photo	
Notes	*Samples* *1 total and splp pcbs with dup-13* *2 total pcbs* *3 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco pulverized bricks and asphalt* *1.5-5 fco granulated coal*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet dark grey silty COARSE SAND* *6.5-8 fco dense moist dark grey CLAY* *8-10 fco dense moist dark grey clayey SILT*

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Boring Log

Record: 238	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*11:51:00*
End Date	*2017-07-19*
End Time	*11:51:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*66*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-1.5 fill consisting of medium sand and gravel; 1.5-5 fill consisting of coal ash*
Notes	*Samples 0.5-1..2 pcbs splp plus ms/msd; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*60*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8.5 fill consisting of wet, brown, coarse sand and gravel; 8.5-10' fill consisting of gray fine, dense silt, little sand clay gravel*

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Boring Log

Record: 121	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-19*
Start Time	*10:18:00*
End Date	*2017-07-19*
End Time	*10:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*67*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-.5 asphalt; .5-1.0 fill consisting of medium red brown sand and gravel; 1-4.5 fill consisting of coal ash; 4.5-5 fill consisting of dense, med, brown sand.*
Notes	*Sample 0.5-1.0 splp pcbs; 3-3.5 pcbs;*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated coarse, brown sand and gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 166	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*08:49:00*
End Date	*2017-07-20*
End Time	*08:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-68*
Boring Photo	
Notes	*Samples* *1a total and splp pcbs with ms/msd* *1b total pahs* *2 total pcbs* *3 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized bricks and asphalt* *1-4.5 fco granulated coal* *4.5-5 fco dense dry yellow coarse sandy red CLAY*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-5.5 fco medium-dense dry yellow silty MEDIUM SAND* *5.5-10 fco dense moist dark grey CLAY with some organics*

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Boring Log

Record: 148	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*13:30:00*
End Date	*2017-07-19*
End Time	*13:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-69*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco pulverized bricks and asphalt* *1.5-5 fco granulated coal*

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Boring Log

Record: 301	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*09:05:00*
End Date	*2017-07-20*
End Time	*08:52:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*70*
Completion Depth	*10*
Boring Photo	
Notes	*Stepped out from wall 3.5 feet north*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fill consisting medium, brown Sand and gravel; 1.5-4.5 fill consisting of coal ash; 4.-5.0 fill consisting of coarse, wet, brown sand and gravel*
Notes	*Samples 0.0-0.5 pcbs splp; 0.5-1.0 pcbs; 1.0-2.0 etph, ar; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*5-8.5 fill consisting of wet, brown, coarse sand and gravel, little wood; 8.5-10' fill consisting of gray fine, dense silt, little sand clay gravel*
Notes	*Sample 7-7.5 pcbs*

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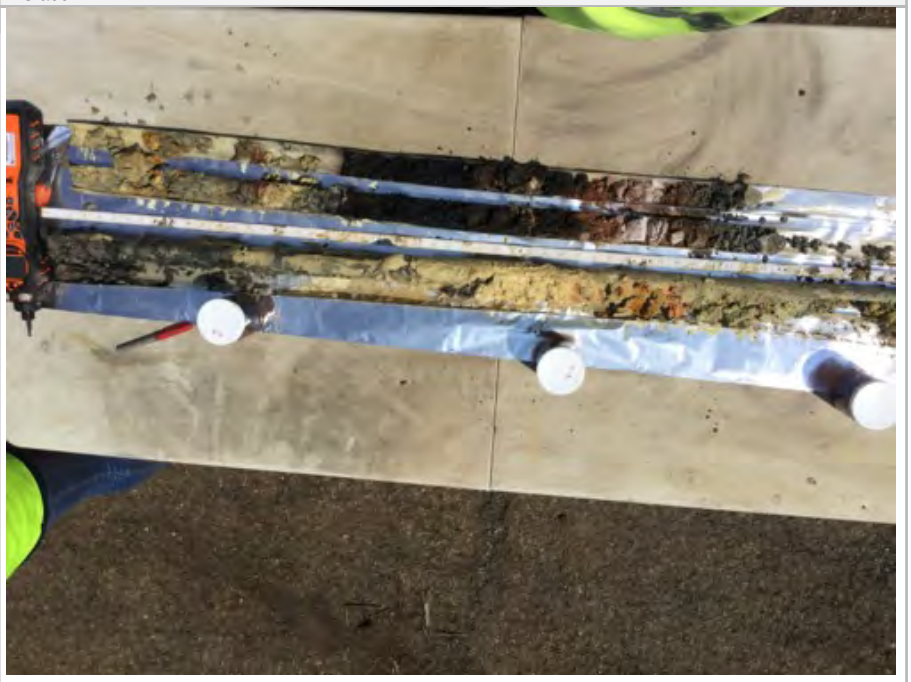
Boring Log

Record: 133	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*10:42:00*
End Date	*2017-07-19*
End Time	*10:42:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-71*
Boring Photo	
Notes	*Samples* *1@0.5-1 total splp pcbs* *2@3-3.5 total pcbs* *3@7-7.5 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized bricks and asphalt* *1-3.5 fco granulated coal* *3.5-5 fco medium dense dry tan fine sandy CLAY*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco medium dense wet tan CLAY* *6.5-8 fco loose wet tan clayey GRAVEL* *8-10 fco dense wet dark grey CLAY with little gravel*

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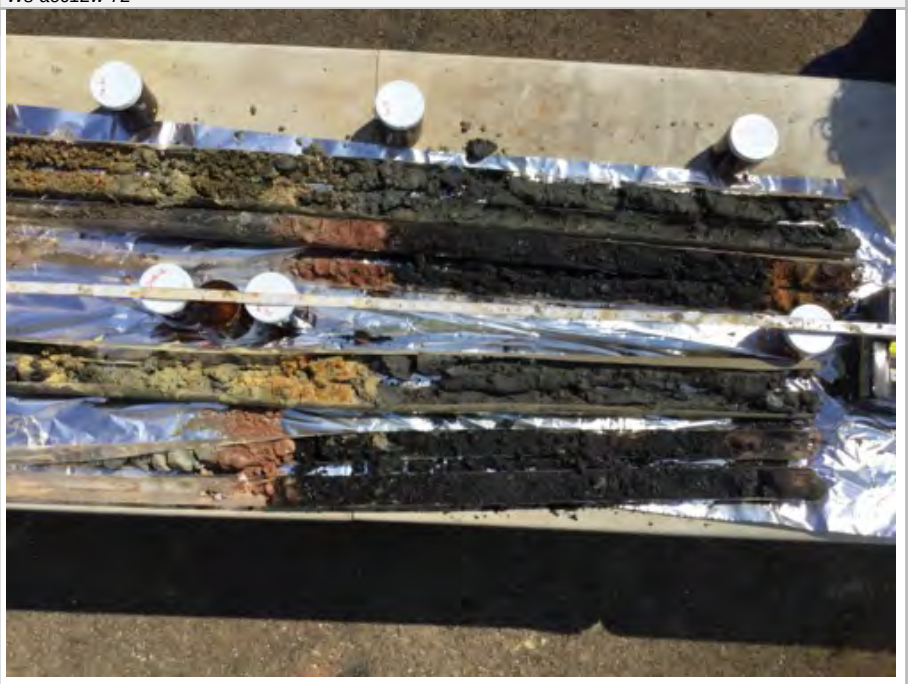
Boring Log

Record: 163	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*14:47:00*
End Date	*2017-07-19*
End Time	*14:47:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-72*
Boring Photo	
Notes	*Dup -12 on 72-2 for pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco pulverized brick and asphalt* *1-5 fco granulated coal*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet grey-brown silty COARSE SAND* *7-10 fco dense moist dark grey CLAY with organcs*

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Boring Log

Record: 742	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-19*
Start Time	*13:30:00*
End Date	*2017-07-19*
End Time	*14:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*73*
Completion Depth	*10*

Samples	
Depth	*0*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *6" brick and pulverized concrete with trace fill sand (red)* *20" coal ash (fill)* *5" moist orange/brown coarse sand with some gravel and trace silt*
Notes	*Sample PCBs - WS-AOC-12W-SO-73-1A (0.5-6"). ETPH/PAHs - WS-AOC-12W-SO-73-1B (6"-1.5'). PCBs - WS-AOC-12W-SO-73-2 (3-3.5'). PCBs- WS-AOC-12W-SO-73-3 (7-7.5')*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*60*
Depth (feet)	*10*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*Top 30" wet brown gravely sand with trace silt. Bottom 30" wet dark gray silty sand with trace clay.*
Notes	*See sampels in 0-5' log*

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Boring Log

Record: 241	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*08:47:00*
End Date	*2017-07-19*
End Time	*08:51:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*74*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2.5 fill consisting medium, brown Sand and gravel; asphalt; 2.5-4.5!fill consisting of coal ash; 4.-5.0 fill consisting of coarse, wet, brown sand and gravel*
Notes	*Samples 0.0-0.5 pcbs splp plus ms/msd; 0.5-1.0 pcbs; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*56*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8.5 fill consisting of wet, brown, coarse sand and gravel; 8.5-10' fill consisting of gray fine, dense silt, little sand clay gravel*
Notes	*7-7.5 pcbs*

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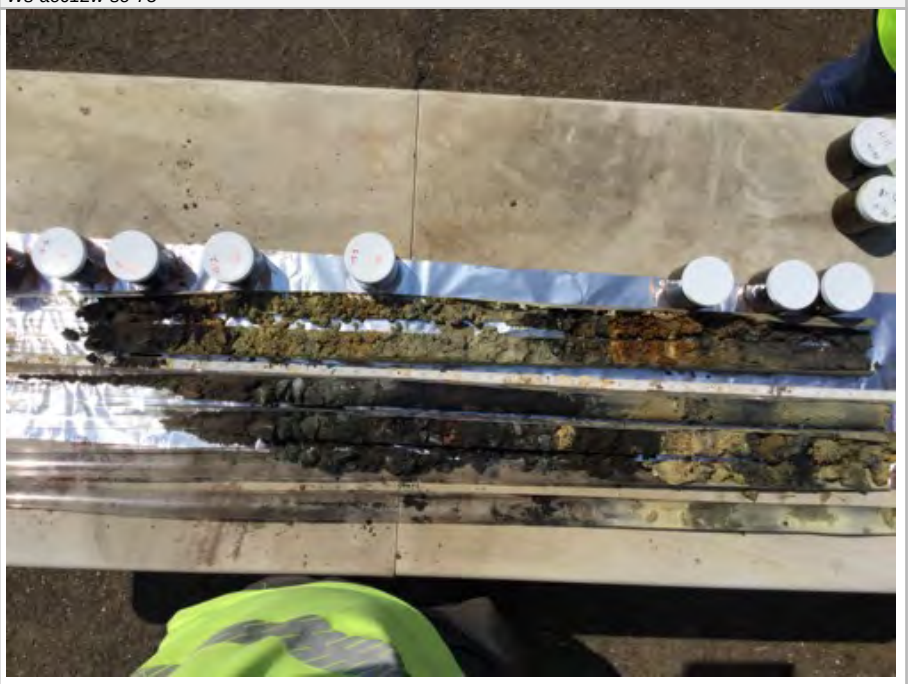
Boring Log

Record: 136	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*11:08:00*
End Date	*2017-07-19*
End Time	*11:09:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-75*
Boring Photo	
Notes	*Sample* *1@0-0.5 total pcbs* *2a@0.5-1 total and splp pcbs (dup-9a)* *2b@1-1.5 etph pahs arsenic (dup-9b)* *3@3-3.5 total pcbs* *4@7-7.5 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown MEDIUM FINE SAND* *0.5-3 fco pulverized asphalt and granulated coal* *3-5 fco medium dense wet tan fine sandy CLAY*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet tan gravelly SILT with some clay* *8-9 fco loose wet brown gravelly MEDIUM SAND* *9-10 fco dense moist black CLAY*

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Boring Log

Record: 160	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*14:40:00*
End Date	*2017-07-19*
End Time	*14:40:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-76*
Boring Photo	
Notes	*Normal sampling - 4*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown MEDIUM SAND* *0.5-1.5 fco pulverized bricks and asphalt* *1.5-4.5 fco granulated coal* *4.5-5 fco loose dry red-brown MEDIUM SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose moist tan-brown silty MEDIUM SAND* *7.5-10 fco dense moist dark grey CLAY with organics*

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Boring Log

Record: 745	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-19*
Start Time	*13:30:00*
End Date	*2017-07-19*
End Time	*14:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*77*
Completion Depth	*10*

Samples	
Depth	*0*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*8" black fill coarse sand with gravel* *6" brick and pulverized concrete with trace fill sand (red)* *20" coal ash (fill)* *5" moist orange/brown coarse sand with some gravel and trace silt*
Notes	*PCBs - WS-AOC-12W-SO-77-1, WS-AOC-12W-SO-77-2, WS-AOC-12W-SO-77-3, WS-AOC-12W-SO-77-4*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*60*
Depth (feet)	*10*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*Top 40" wet brown gravely sand with trace silt. Bottom 20" wet dark gray silty sand with trace clay.*
Notes	*See sampels in 0-5' log*

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Boring Log

Record: 139	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*11:35:00*
End Date	*2017-07-19*
End Time	*11:36:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-78*
Boring Photo	
Notes	*Samples* *1@0-0.5 total pcbs* *2@0.5-1 total and splp pcbs* *3@3-3.5 total pcbs* *4@7-7.5 total pcbs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown MEDIUM SAND* *0.5-1.5 fco pulverized brick and asphalt* *1.5-3 fco granulated coal* *3-5 fco loose moist brown clayey COARSE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*25*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet grey-brown clayey COARSE SAND with some gravel*

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Boring Log

Record: 157	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*14:20:00*
End Date	*2017-07-19*
End Time	*14:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-79*
Boring Photo	
Notes	*2b etph arsenic pah*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown MEDIUM SAND* *0.5-1 fco pulverized bricks and asphalt* *1-3 fco granulated coal* *3-5 fco medium dense dry grey fine sandy SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco medium dense wet tan silty brown MEDIUM COARSE SAND*

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Boring Log

Record: 748	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-19*
Start Time	*14:14:00*
End Date	*2017-07-19*
End Time	*14:27:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*80*
Completion Depth	*10*

Samples	
Depth	*0*
Penetration (inches)	*60*
Recovery (inches)	*38*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*4" fill coarse sand with gravel.* *6" Red/brown fill sand with brick and gravel.* *12" - black coal ash fill.* *Bottom wet coarse sand with gravel.*
Notes	*PCBs - WS-AOC-12W-SO-80-1 (0-0.5), WS-AOC-12W-SO-80-2 (0.5-1'), WS-AOC-12W-SO-80-3 (3-3.5'), WS-AOC-12W-SO-80-4 (7-7.5')*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*60*
Depth (feet)	*10*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*Top 20" wet fill brown gravely sand with trace silt. Bottom 20" wet fill dense coarse sand and gravel. Bottom 20" wet black fill coarse sand with trace wood and coal ash.*
Notes	*See sampels in 0-5' log*

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Boring Log

Record: 142	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*11:50:00*
End Date	*2017-07-19*
End Time	*11:50:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-81*
Boring Photo	
Notes	*Samples* *1@0-0.5 total pcbs* *2@0.5-1.2 total and splp pcbs (dup-10)* *3@3-3.5 total pcbs* *4@7-7.5 total pcbs*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet grey gravelly MEDIUM SAND with some clay*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*34*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown MEDIUM SAND* *0.5-3 fco pulverized bricks and asphalt* *3-4 fco granulated coal* *4-5 fco loose moist brown MEDIUM SAND*

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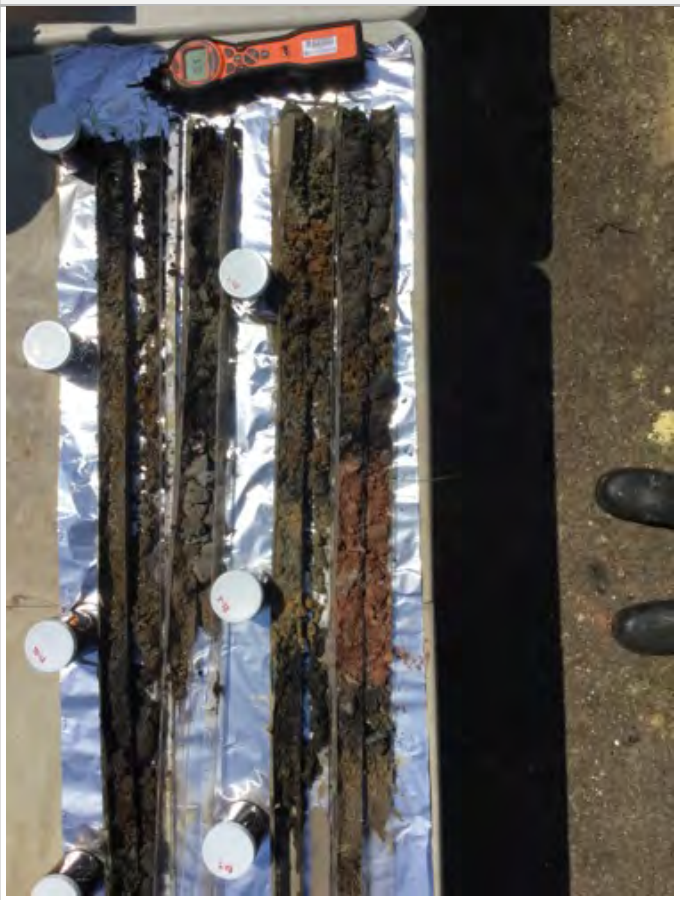
Boring Log

Record: 154	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*13:56:00*
End Date	*2017-07-19*
End Time	*13:56:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-82*
Boring Photo	
Notes	*Samples* *1 total pcbs* *2 splp and total pcbs* *3 total pcbs* *4 total pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry brown MEDIUM SAND* *1-3 fco pulverized bricks and asphalt* *3-5 fco loose moist dark grey silty COARSE SAND with little pulverized coal*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco medium dense wet black fine sandy SILT* *6-10 fco medium dense wet red-black silty COARSE SAND*

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Boring Log

Record: 751	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-19*
Start Time	*14:33:00*
End Date	*2017-07-19*
End Time	*14:44:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*83*
Completion Depth	*10*

Samples	
Depth	*0*
Penetration (inches)	*60*
Recovery (inches)	*28*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*4" fill coarse sand with gravel.* *2" Red/brown fill sand with brick and gravel.* *12" - black coal ash fill.* *Bottom wet coarse sand with gravel.*
Notes	*PCBs - PCBs - WS-AOC-12W-SO-83-1 (0-0.5'), WS-AOC-12W-SO-83-2A (0.5-1'), PAHs/ETPH/As - WS-AOC-12W-SO-83-2B 1-1.5', PCBs - WS-AOC-12W-SO-83-3 (3-3.5'), WS-AOC-12W-SO-83-4 (7-7.5')*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*10*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*Top 20" wet fill brown gravely sand with trace silt. Bottom 20" wet fill dense coarse sand and gravel.*
Notes	*See sampels in 0-5' log*

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Boring Log

Record: 145	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*12:08:00*
End Date	*2017-07-19*
End Time	*12:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-84*
Boring Photo	
Notes	*Offset 4 ft to the west due to refusal at the proposed location (twice - 3 ft concrete)* *Samples* *1@0-0.5 total pcbs* *2a@0.5-1 total and splp pcbs* *2b@1-1.5 total and splp etph and total arsenic* *3@3-3.5 total pcbs* *4@7-7.5 total pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry tan MEDIUM SAND* *1-3.5 fco granulated coal with little concrete stones* *3.5-5 fco loose moist black clayey MEDIUM COARSE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet black SILT* *7-10 fco loose wet brown silty MEDIUM COARSE SAND with some gravel*
Notes	

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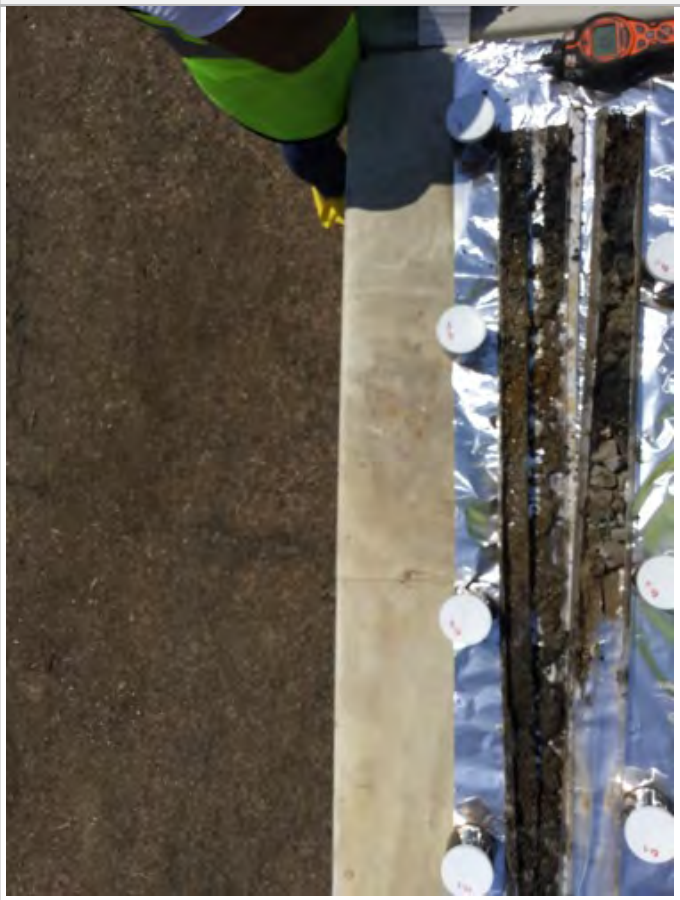
Boring Log

Record: 151	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-19*
Start Time	*13:46:00*
End Date	*2017-07-19*
End Time	*13:46:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-85*
Boring Photo	
Notes	*Samples* *1@0-0.5 total pcbs* *2a total and splp pcbs* *2b total pans* *3 total pcbs* *4 total pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry brown MEDIUM SAND* *0.5-1 fco pulverized asphalt* *1-5 fco loose dry dark grey clayey COARSE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 loose wet dark brown silty COARSE SAND*

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Boring Log

Record: 754	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-19*
Start Time	*14:33:00*
End Date	*2017-07-19*
End Time	*14:50:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*86*
Completion Depth	*10*

Samples	
Depth	*0*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*6" fill coarse sand with gravel.* *2" Red/brown fill sand with brick and gravel.* *12" - black coal ash fill.* *Bottom wet fill coarse sand with gravel.*
Notes	*PCBs - WS-AOC-12W-SO-86-1(0-0.5'), WS-AOC-12W-SO-86-2 (0.5-1'), WS-AOC-12W-SO-86-3 (3-3.5'),WS-AOC-12W-SO-86(7-7.5')*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*10*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*Top 20" wet fill brown gravely sand with trace silt. Bottom 20" wet fill dense coarse sand and gravel.*
Notes	*See sampels in 0-5' log*

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Boring Log

Record: 757	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-19*
Start Time	*14:52:00*
End Date	*2017-07-19*
End Time	*14:57:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*87*
Completion Depth	*10*

Samples	
Depth	*0*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*5" fill coarse sand with gravel.* *1" Red/brown fill sand with brick and gravel.* *10" - black coal ash fill.* *Bottom wet fill coarse sand with gravel.*
Notes	*PCBs - WS-AOC-12W-SO-87-1(0-0.5'), WS-AOC-12W-SO-87-2A (0.5-1'), ETOH/PAHs/As WS-AOC-12W-SO-87-2B, WS-AOC-12W-SO-87-3 (3-3.5'), WS-AOC-12W-SO-87-4 (7-7.5')*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*10*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*wet black fill dense coarse sand and gravel.*
Notes	*See sampels in 0-5' log*

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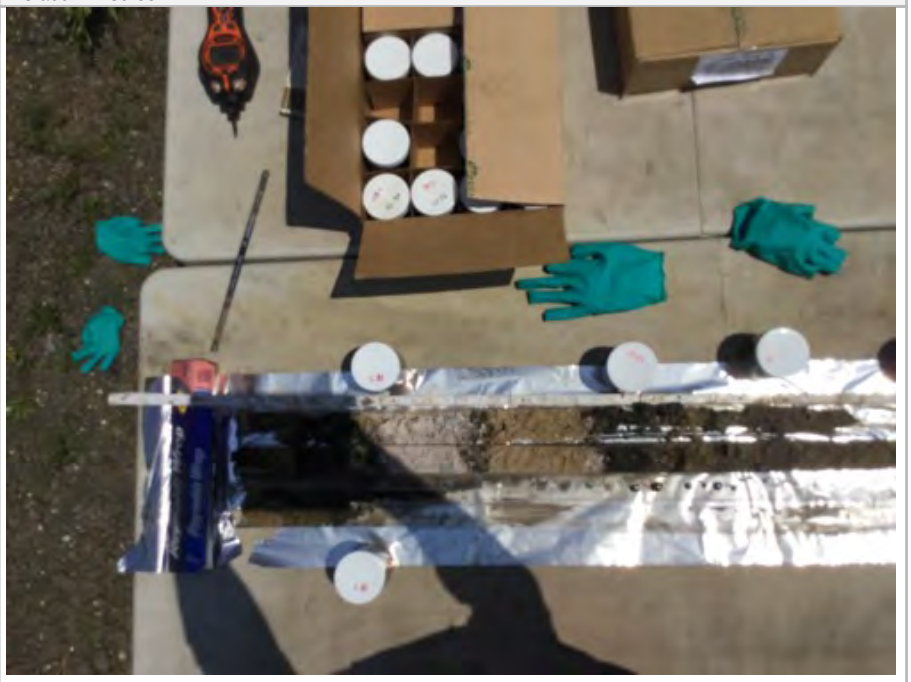
Boring Log

Record: 184	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*13:11:00*
End Date	*2017-07-20*
End Time	*13:11:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-88*
Boring Photo	
Notes	*Refusal at 6.5* *Samples* *1 at 0-0.5 total pcbs* *2a@0.5-1 total pcbs and splp* *2b@1-1.5 etph total and splp* *3@3-3.5 total pcbs* *4@6-6.5 total pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry brown MEDIUM FINE SAND* *1-1.5 fco loose dry black silty FINE SAND* *1.5-2.5 fco loose dry tan MEDIUM SAND* *2.5-3.5 fco pulverized concrete* *3.5-4.5 fco loose dry black silty FINE SAND* *4.5-5 fco loose dry tan MEDIUM SAND*

Samples	
Depth	*6.5*
Penetration (inches)	*18*
Recovery (inches)	*9*
Depth (feet)	*6.5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 loose wet brown MEDIUM COARSE SAND*

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Boring Log

Record: 259	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*13:16:00*
End Date	*2017-07-20*
End Time	*13:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*89*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.0 fill consisting of medium to fine sand and gravel; 1.0-5.0'fill consisting of medium, brown Sand and coarse, gravel.*
Notes	*Samples 0.0-0.5 pcbs; 0.5-1.0 pcb; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*4.5*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, dark brown, coarse sand and gravel. Weathered petroleum odor in water column throughout sleeve*
Notes	*Sample 7-7.5 pcbs; 7.5-8 etph*

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Boring Log

Record: 262	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*13:33:00*
End Date	*2017-07-20*
End Time	*13:50:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*90*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.0 fill consisting of medium to fine sand and gravel; 1.0-2.0fill consisting of medium, brown Sand and coarse, gravel; 2.0-5.0 fill consisting of coarse brown sand*
Notes	*Samples 0.0-0.5 pcbs; 0.5-1.0 pcb; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*14*
Sample Description & Classification (Modified Burmister)	*5-7,5 fill consisting of damp, coarse brown SAND; 7.5-10 fill consisting of wet, dark brown, coarse sand and gravel. Weathered petroleum odor 7.5-9.0*
Notes	*Sample 7-7.5 pcbs; 7.5-8 etph*

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Boring Log

Record: 265	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*13:55:00*
End Date	*2017-07-20*
End Time	*14:05:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*91*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.0 fill consisting of medium to fine sand and gravel; 1.0-5.0 fill consisting of medium, brown Sand and coarse, gravel.*
Notes	*Samples 0.0-0.5 pcbs plus dup 15; 0.5-1.0 pcb; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*14*
Sample Description & Classification (Modified Burmister)	*5-7,5 fill consisting of damp, coarse brown SAND; 7.5-10 fill consisting of wet, dark brown, coarse sand and gravel. No odors*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 268	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*14:10:00*
End Date	*2017-07-20*
End Time	*14:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*92*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.0 fill consisting of medium to fine sand and gravel; 1.0-5.0 fill consisting of dark, brown, medium Sand and gravel.*
Notes	*Samples 0.0-0.5 pcbs; 0.5-1.0 pcb; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, dark brown, medium SAND and gravel. No odor*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 196	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*14:22:00*
End Date	*2017-07-20*
End Time	*14:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-93*
Boring Photo	
Notes	*Refusal at 7* *~2" pvc pipe through boring* *Samples 1-4 for pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 FCO loose dry tan MEDIUM SAND* *1-5 fco pulverized concrete*

Samples	
Depth	*7*
Penetration (inches)	*24*
Recovery (inches)	*10*
Depth (feet)	*2*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco medium dense wet grey SILT*

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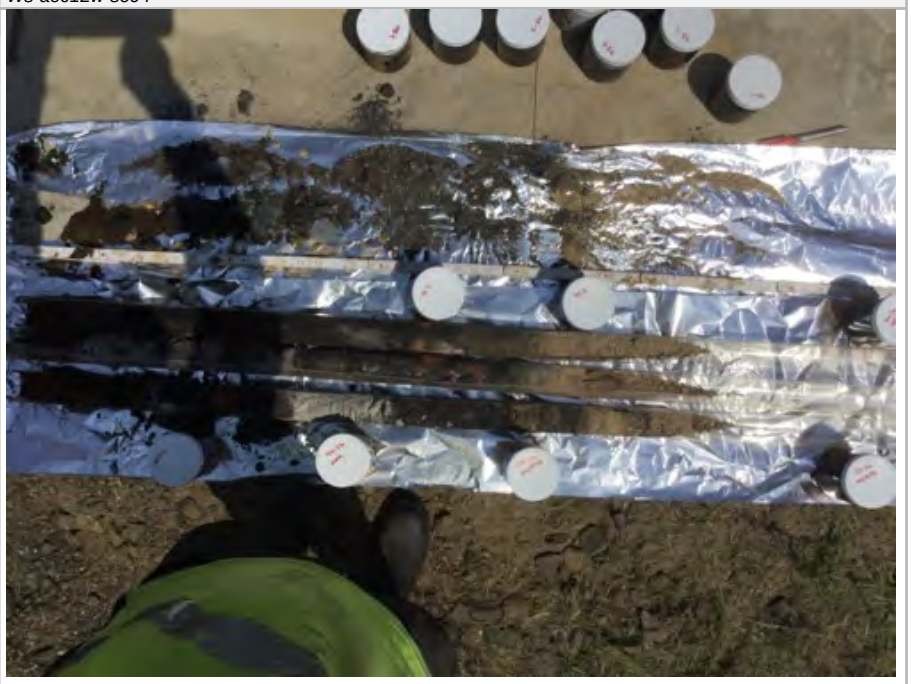
Boring Log

Record: 202	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*14:39:00*
End Date	*2017-07-20*
End Time	*14:39:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so94*
Boring Photo	
Notes	*Refusal three times at 5 feet* *4 pcbs samples* *2a pcb ms/msd* *2b-pah*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry tan MEDIUM SAND* *1-2 fco granulated coal* *2-2.5 fco pulverized concrete* *2.5-5 fco medium dense dry black MEDIUM SAND with pulverized brick*

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Boring Log

Record: 190	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*13:59:00*
End Date	*2017-07-20*
End Time	*13:59:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-96*
Boring Photo	
Notes	*5-10 sample to be taken at a later date* *Samples 1-3 for pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco loose dry tan MEDIUM SAND* *1.5-2.5 fco granulated coal* *2.5-4 fco pulverized concrete* *4-5 medium dense moist black SILT with organic*

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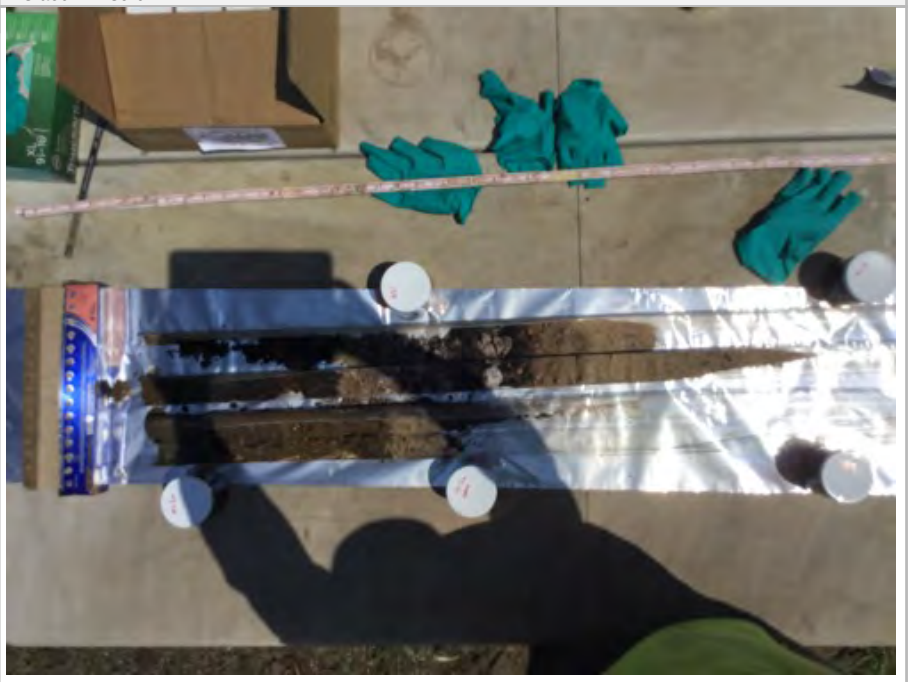
Boring Log

Record: 187	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-20*
Start Time	*13:34:00*
End Date	*2017-07-20*
End Time	*13:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*Ws-aoc12w-so-97*
Boring Photo	
Notes	*Refusal at 3', 2', and 8'.* *Samples* *1 pcbs* *2a pcbs* *2b pah* *3 pcbs* *4 pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2 fco loose dry tan MEDIUM SAND with little granulated coal* *2-3.5 fco pulverized concrete* *3.5-5 fco granulated coal*

Samples	
Depth	*8*
Penetration (inches)	*36*
Recovery (inches)	*19*
Depth (feet)	*3*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco medium dense wet brown silty CLAY*

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Boring Log

Record: 256	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-20*
Start Time	*13:09:00*
End Date	*2017-07-20*
End Time	*13:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*98*
Completion Depth	*7*
Boring Photo	
Notes	*Solid concrete refusal at 8 feet*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.0 fill consisting of medium to fine sand and gravel; 1.0-5.0'fill consisting of medium, brown Sand and coarse, gravel.*
Notes	*Samples 0.0-0.5 pcbs; 0.5-1.5 pcb, pah; 3-3.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*36*
Recovery (inches)	*30*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8.0 fill consisting of wet, brown, coarse sand and gravel*
Notes	*Sample 7-7.5 pcbs*

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Boring Log

Record: 1039	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*10:35:00*
End Date	*2017-09-11*
End Time	*10:42:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*99*
Completion Depth	*5*
Notes	*Sample depths:* *-1: 0-0.25' PCBs ETPH* *-2: 0.5-1.5'* *-3: 3-4'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*29*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown to black fill with coarse sand and trace gravel and silt. Coal ash and brick present.*

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Boring Log

Record: 1036	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*10:30:00*
End Date	*2017-09-11*
End Time	*10:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*100*
Completion Depth	*5*
Notes	*Sample depths:* *-1: 0-0.25' ETPH/PCBs* *-2: 0.5-1.5'* *-3: 3-4'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown to black fill with coarse sand and trace gravel and silt. Coal ash and brick present.*

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Boring Log

Record: 1033	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*10:22:00*
End Date	*2017-09-11*
End Time	*10:32:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*101*
Completion Depth	*5*
Notes	*Sample depths:* *-1: 0-0.25' ETPH, PCBs* *-2: 0.5-1.5' PCBs MS/MSD PCBs* *-3: 3-4' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*31*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown to black fill with coarse sand and trace gravel and silt. Coal ash and brick present.*

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Boring Log

Record: 1027	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*09:58:00*
End Date	*2017-09-11*
End Time	*09:12:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*102*
Completion Depth	*5*
Notes	*Sample depths:* *-1: 0-0.25' ETPH, PCBs* *-2: 0.5-1.5' As, PCBs MS/MSD for PCBs* *-3: 3-4' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown to black fill with coarse sand and trace gravel and silt. Coal ash and brick present.*

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Boring Log

Record: 1024	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*09:49:00*
End Date	*2017-09-11*
End Time	*09:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*103*
Completion Depth	*5*
Boring Photo	
Notes	*Sample depths:* *-1: 0-0.25' ETPH* *-2: 0.5-1.5' MS/MSD for PCBs* *-3: 3-4'o*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Top 12" black/brown fill with coarse sand and gravel. Bottom is wet back fill with fine to coarse sand and trace silt, evidence of organics.*

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Boring Log

Record: 1030	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*10:08:00*
End Date	*2017-09-11*
End Time	*10:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*104*
Completion Depth	*5*
Notes	*Sample depths:* *-1: 0-0.25' ETPH, PCBs* *-2: 0.5-1.5' PCBs, As, MS/MSD PCBs* *-3: 3-4' PCBS*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*29*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown to black fill with coarse sand and trace gravel and silt. Coal ash and brick present.*

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Boring Log

Record: 1021	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*09:30:00*
End Date	*2017-09-08*
End Time	*09:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12W*
Boring Number	*105*
Boring Photo	
Notes	*Sample:* *105-1: 0-0.25' ETPH, PCBs* *105-2: 0.5-1.5' PCBs MS/MSD PCBs* *105-3: 3-4' PCBs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*29*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, trace gravel and silt. Evidence of coal ash present.*

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Boring Log

Record: 859	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-11*
Start Time	*12:03:00*
End Date	*2017-09-11*
End Time	*13:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12N*
Boring Number	*1*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-4 fill consisting of medium, brown SAND, little gravel, little concrete* *Multiple attempts with refusal at 4' Appears to be rock/concrete. Sample interval shifted*
Notes	*Sample 3-4 pcb, etph*

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Boring Log

Record: 853	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-11*
Start Time	*11:18:00*
End Date	*2017-09-11*
End Time	*11:43:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12N*
Boring Number	*3*
Completion Depth	*15*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-3' fill consisting of medium, brown SAND, little gravel and concrete; 3-5' fill consisting of brown, medium SAND and gravel, little brick*
Notes	

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5' Fill consisting of medium to coarse, damp, brown SAND and gravel; 7.5-10' fill consisting of saturated, medium brown SAND and gravel.*
Notes	*Samples - 6-7 pcb, etph, arsenic plus dup 61; 10-11 pcbs, etph*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*53*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of saturated, medium to coarse brown SAND and gravel*
Notes	

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Boring Log

Record: 856	
Boring Company	*Cummins Envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-11*
Start Time	*12:03:00*
End Date	*2017-09-11*
End Time	*12:21:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-12N*
Boring Number	*4*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; .5-4 fill consisting of medium, brown SAND, little gravel, little concrete* *Multiple attempts with refusal at 4' Appears to be rock/concrete. Sample interval shifted*
Notes	*Sample 3-4 pcb, etph, pah*

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Boring Log

Record: 829	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-08*
Start Time	*10:30:00*
End Date	*2017-09-07*
End Time	*10:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*5*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand and silt; ..5-5' fill consisting of medium brown SAND, little gravel, little concrete and brick*
Notes	*Sample, 0-0.5 pcbs, 0.5-1.5'pcb, etph; 2-3 pcbs; 5-6 pcbs plus dup 55*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 - fill consisting of medium, brown SAND, little gravel, little concrete; 7.5-10' fill consisting of damp, medium to coarse, dark brown SAND and gravel*
Notes	

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Boring Log

Record: 823	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-08*
Start Time	*10:15:00*
End Date	*2017-09-07*
End Time	*10:26:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*6*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*49*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand and silt; ..5-5' fill consisting of medium brown SAND, little gravel, little concrete and brick*
Notes	*Sample, 0-0.5 pcbs, 0.5-1.5'pcb, etph ms/msd; 2-3 pcbs; 5-6 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 - fill consisting of medium, brown SAND, little gravel, little concrete; 7.5-10' fill consisting of damp, medium to coarse, dark brown SAND and gravel*
Notes	

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Boring Log

Record: 832	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-08*
Start Time	*11:01:00*
End Date	*2017-09-07*
End Time	*11:17:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*7*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand and silt; ..5-5' fill consisting of medium brown SAND, little gravel, little concrete and brick*
Notes	*Sample, 0-0.5 pcbs, 0.5-1.5'pcb, etph; 2-3 pcbs; 5-6 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 - fill consisting of medium, damp, brown SAND, little gravel, little concrete; 7.5-10' fill consisting of damp, medium to coarse, dark brown SAND and gravel*
Notes	

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Boring Log

Record: 835	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-08*
Start Time	*11:24:00*
End Date	*2017-09-07*
End Time	*11:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*8*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand and silt; ..5-5' fill consisting of medium brown SAND, little gravel, little concrete and brick*
Notes	*Sample, 0-0.5 pcbs, 0.5-1.5' pcb, etph, pah; 2-3 pcbs; 5-6 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 - fill consisting of medium, damp, brown SAND, little gravel, little concrete, little brick*
Notes	

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Boring Log

Record: 841	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-08*
Start Time	*11:53:00*
End Date	*2017-09-07*
End Time	*12:05:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*9*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand and silt; 0.5-5' fill consisting of medium, brown SAND, little gravel and brick*
Notes	*Sample, 0-0.5 pcbs, 0.5-1.5' pcb, etph; 2-3 pcbs; 5-6 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of medium, damp, brown SAND, little gravel, little concrete, little brick; 7.5-10' fill consisting of dark brown, wet medium to fine SAND with coarse gravel*
Notes	

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Boring Log

Record: 838	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-08*
Start Time	*11:32:00*
End Date	*2017-09-07*
End Time	*11:52:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*10*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand and silt; .5-3 fill consisting of medium brown SAND and coarse gravel, little concrete; 3-5' fill consisting of medium, brown SAND, little gravel and brick*
Notes	*Sample, 0-0.5 pcbs, 0.5-1.5' pcb, etph; 2-3 pcbs; 5-6 pcbs plus dup 58*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of medium, damp, brown SAND, little gravel, little concrete, little brick; 7.5-10' fill consisting of dark brown, wet SAND with coarse gravel*
Notes	

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Boring Log

Record: 991	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*10:11:00*
End Date	*2017-09-08*
End Time	*10:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*11*
Completion Depth	*10*
Boring Photo	
Notes	*Conducted a second 0-5' sample to access volume for MS/MSD* *Sample:* *11-1: 0-0.5' PCBs* *11-2: 0.5-1.5' PCBs, ETPH* *11-3: 2-3' PCBs* *11-4: 5-6' PCBs* **MS/MSD for 11-2*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*34*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse sand, some gravel, medium silt. Coal ash present.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand , some gravel and trace silt*

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Boring Log

Record: 994	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*10:42:00*
End Date	*2017-09-08*
End Time	*10:50:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*12*
Completion Depth	*10*
Notes	*Sample:* *12-1: 0-0.5' PCBs* *12-2: 0.5-1.5' PCBs ETPH (MS/MSD for PCBs)* *12-3: 2.0-3.0' PCBs (DUP-54 PCBs)* *12-4: 5-6' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*18*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet Black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

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Boring Log

Record: 997	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*10:55:00*
End Date	*2017-09-08*
End Time	*11:09:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*13*
Completion Depth	*10*
Boring Photo	
Notes	*Sample:* *13-1: 0-0.5 PCBs* *13-2: 05-1.5' PCBs, ETPH (DUP-56 for PCBs)* *13-3: 2-3' PCBs* *13-4: 5-6' PCBs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*53*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet gray fill with coarse to fine sand and some silt. Trace gravel. Slight septic odor*

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Boring Log

Record: 1009	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*12:23:00*
End Date	*2017-09-08*
End Time	*12:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*14*
Completion Depth	*10*
Notes	*Sample:* *14-1: 0-0.5'* *14-2: 0.5-1.5' ETPH/PCBs* *14-3: 2-3'* *14-4: 5-6'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel, cobble and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet gray/brown fill with coarse to fine sand and some silt. Trace gravel. Slight septic odor.*

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Boring Log

Record: 1006	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*11:43:00*
End Date	*2017-09-08*
End Time	*11:56:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*15*
Completion Depth	*10*
Notes	*Sample:* *15-1: 0-0.5' PCBs* *15-2: 0.5-1.5' PCBs ETPH* *15-3: 2-3' PCBs PAHs* *15-4: 5-6' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*38*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black coarse to fine sand with some silt and trace gravel.*

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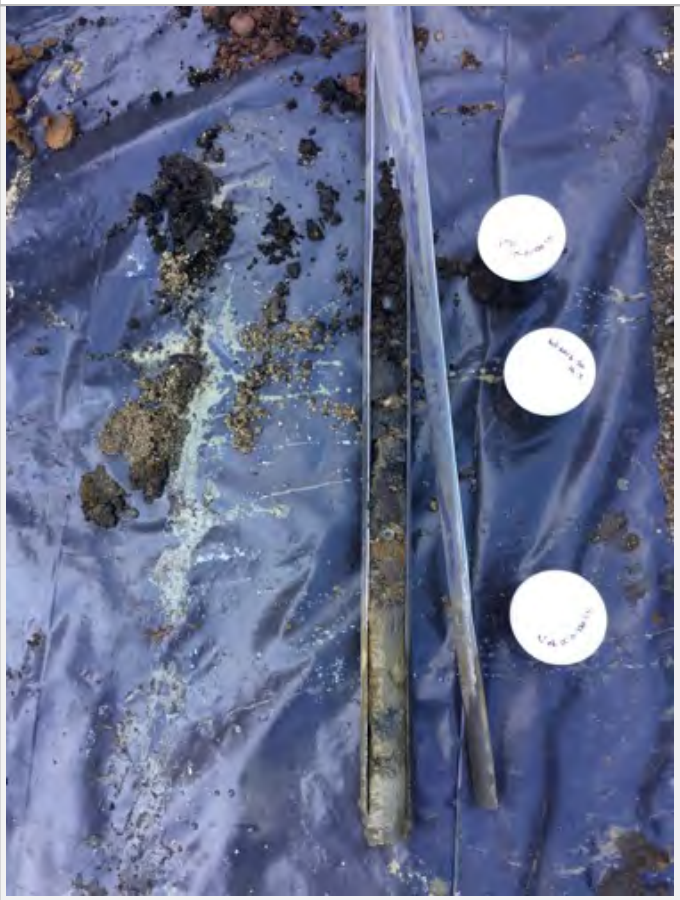
Boring Log

Record: 1003	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*11:30:00*
End Date	*2017-09-08*
End Time	*11:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*16*
Completion Depth	*10*
Boring Photo	
Notes	*Sample:* *16-1: 0-0.5' PCBs* *16-2: 0.5-1.5' PCBs ETPH* *16-3: 2-3' PCBs* *16-4: 5-6' PCBs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*22*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present. Bottom 2" wet gray/black fill coarse to fine sand with silt. Slight septic odor*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*53*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet gray/brown fill with coarse to fine sand and some silt. Trace gravel. Bottom wet black fill fine sand with some silt, trace organic. Slight septic odor.*

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Boring Log

Record: 1000	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*11:15:00*
End Date	*2017-09-08*
End Time	*11:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-6*
Boring Number	*17*
Completion Depth	*10*
Notes	*Sample:* *17-1: 0-0.5' PCBs* *17-2: 0.5-1.5' PCBs ETPH* *17-3: 2-3' PCBs* *17-4: 5-6' PCBs (DUP-57 for PCBs)*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black to brown fill with coarse to fine sand, some gravel and trace silt. Coal ash and brick present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black to gray fill with coarse to fine sand and some silt. Slight septic odor*

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Boring Log

Record: 970	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*13:55:00*
End Date	*2017-09-07*
End Time	*14:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*30*
Completion Depth	*10*
Notes	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*32*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *6" concrete* *Moist black fill with coarse sand and gravel. Trace silt. Slight septic odor.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand and gravel. Trace silt. Slight septic odor.*

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Boring Log

Record: 973	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*14:08:00*
End Date	*2017-09-07*
End Time	*14:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*31*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Moist black fill with coarse sand and gravel. Trace silt and cobble. Coal ash present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand and some gravel. Trace silt and cobble. Mild septic odor*

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Boring Log

Record: 826	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-08*
Start Time	*09:49:00*
End Date	*2017-09-08*
End Time	*10:03:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*32*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.0 fill consisting of medium, brown SAND and coarse gravel, with 10" concrete; 2.0-5 fill consisting of medium, brown SAND little gravel, little ash, damp at 4-5*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium, saturated brown SAND and gravel*
Notes	*Sample 5-6 pcbs etph plus dup 52; 6-7 pcbs; 8-9 pcbs plus dup 53*

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Boring Log

Record: 982	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*14:24:00*
End Date	*2017-09-07*
End Time	*14:35:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*33*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *10" concrete* *Moist black fill with coarse to fine sand some gravel. Trace silt and cobble. Coal ash present*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand and gravel. Trace silt and cobble. Slight septic odor.*

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Boring Log

Record: 976	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*14:05:00*
End Date	*2017-09-07*
End Time	*14:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*34*
Completion Depth	*10*
Notes	*34-1: 4-5'* *34-2: 6-7'* *34-3:8-9'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*22*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Moist black fill with coarse sand and gravel. Trace silt and cobble. Coal ash present.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand and gravel. Trace cobble. Slight septic odor*

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Boring Log

Record: 988	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-08*
Start Time	*09:14:00*
End Date	*2017-09-08*
End Time	*09:35:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*35*
Completion Depth	*10*
Notes	*Sample:* *35-1: 4-5' PCBs, ETPH* *35-2: 6-7'* *35-3: 8-9'* *First 5-10' no recovery. Offset 2' north*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*18*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *Moist black fill with coarse sand and gravel. Trace silt.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse sand*
Notes	*First 5-10' no recovery, offset 2' north*

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Boring Log

Record: 979	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*14:23:00*
End Date	*2017-09-07*
End Time	*14:32:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*36*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*20*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Moist black fill with coarse sand and gravel. Trace silt and cobble. Coal ash present*

Samples	
Depth	*10*
Penetration (inches)	*36*
Recovery (inches)	*8*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1st and 2nd attempt refusal at 8'. Per TRC reduce samples collected to 2 locations: 4-5' and 6-7'.* *Wet black coarse to fine sand with some gravel. Slight septic odor.*
Notes	*Refusal at 8' offset 2' south*

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Boring Log

Record: 985	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*14:43:00*
End Date	*2017-09-07*
End Time	*14:50:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*37*
Completion Depth	*8*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *5" concrete* *Moist black/brown fill with coarse sand and gravel. Trace silt, coal ash present*

Samples	
Depth	*8*
Penetration (inches)	*36*
Recovery (inches)	*10*
Depth (feet)	*8*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse to fine sand and gravel. Trace silt. Slight septic odor.* *Refusal at 8ft. Borings are located adjacent to high tension poles. Possibly footing. Per TRC collect 2 of the 3 prescribed sample intervals (eliminate 8-9')*

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Boring Log

Record: 1180	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-05*
Start Time	*10:10:00*
End Date	*2017-09-05*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*1*
Completion Depth	*5*
Notes	*Sample:* *PCBs: 1-1.5', 1.5-2.5', 5-6'* *ETPH: 1-1.5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0.5" asphalt* *Moist black fill consisting of sand and gravel. Wet around 5'.*

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Boring Log

Record: 1186	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-06*
Start Time	*10:30:00*
End Date	*2017-09-06*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*2*
Completion Depth	*5*
Notes	*Sample:* *PCBs: 0.5-1.5', 1.5-2.5', 4-5'* *ETPH: 1.5-2.5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*29*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0.5" asphalt* *Moist black fill consisting of sand and gravel. Wet around 5'.*

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Boring Log

Record: 799	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*08:13:00*
End Date	*2017-09-07*
End Time	*08:38:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*3*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*38*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel, with 12" concrete; 3-5 fill consisting of medium, brown SAND, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph, 1.5-2.5 pcbs; 4-5 pcbs*

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Boring Log

Record: 805	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*08:40:00*
End Date	*2017-09-07*
End Time	*08:50:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*4*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel, with 6" concrete; 3-5 fill consisting of medium, brown SAND, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph, 1.5-2.5 pcbs; 4-5 pcbs*

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Boring Log

Record: 922	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*09:00:00*
End Date	*2017-09-07*
End Time	*09:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*5*
Completion Depth	*5*
Cover type	
Notes	*Sample:* *5-1: 1-1.5' PCBs, PAHs* *5-2: 1.5-2.5' PCBs ETPH* *5-3: 4-5' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Moist black fill with coarse sand with some gravel and trace silt. Evidence of coal ash and metal slag present.*

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Boring Log

Record: 802	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*08:20:00*
End Date	*2017-09-07*
End Time	*08:44:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*6*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*35*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND and coarse gravel, with 10" concrete; 3-5 fill consisting of medium, brown SAND, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph, 1.5-2.5 pcbs, pah; 4-5 pcbs*

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Boring Log

Record: 919	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-06*
Start Time	*13:15:00*
End Date	*2017-09-06*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*7*
Completion Depth	*5*
Notes	*First attempt: 1" recovery. Offset ~2ft north.* *12" of concrete* *Sample:* *7-1: 1-1.5* *7-2: 1.5-2.5* *7-3: 4-5*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*18*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*12" concrete* *12" void spade* *Most brown fill coarse sand with trace silt.*

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Boring Log

Record: 940	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*11:25:00*
End Date	*2017-09-07*
End Time	*11:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*8*
Completion Depth	*5*
Notes	*Sample:* *8-1: 0.5-1.5' PCBs, ETPH* *8-2: 1.5-2.5' PCBs PAHs* *8-3: 4-5' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*28*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *3" concrete* *Moist black fill with coarse sand with some gravel and trace silt. Signs of coal ash.*

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Boring Log

Record: 808	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*09:00:00*
End Date	*2017-09-07*
End Time	*09:03:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*9*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.0 fill consisting of medium, brown SAND and coarse gravel, with 6" concrete; 2-5 fill consisting of medium, brown SAND, little brick, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph, 1.5-2.5 pcbs; 4-5 pcbs plus dup 49*

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Boring Log

Record: 811	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*09:02:00*
End Date	*2017-09-07*
End Time	*09:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*10*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.0 fill consisting of medium, brown SAND and coarse gravel, with 6" concrete; 2-5 fill consisting of medium, brown SAND, little brick, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph plus ms/msd; 1.5-2.5 pcbs; 4-5 pcbs*

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Boring Log

Record: 814	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*09:08:00*
End Date	*2017-09-07*
End Time	*09:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*11*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.5 fill consisting of medium, brown SAND and coarse gravel, with 6" concrete; 2.5 -5 fill consisting of medium, brown SAND, little brick, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph; 1.5-2.5 pcbs; 4-5 pcbs*

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Boring Log

Record: 817	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*09:20:00*
End Date	*2017-09-07*
End Time	*09:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*12*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.0 fill consisting of medium, brown SAND and coarse gravel, little coal ash, with 4" concrete; 2.0-5 fill consisting of medium, brown SAND little gravel, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph; 1.5-2.5 pcbs; 4-5 pcbs*

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Boring Log

Record: 928	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*09:26:00*
End Date	*2017-09-07*
End Time	*09:35:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*13*
Completion Depth	*5*
Notes	*Sample:* *13-1: 0.5-1.5' ETPH, PCBs* *13-2: 1.5-2.5'* *13-3: 4-5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*23*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *4" concrete* *Moist black coarse sand fill with some gravel and trace silt. Coal ash and brick present*

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Boring Log

Record: 925	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*09:17:00*
End Date	*2017-09-06*
End Time	*09:28:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*14*
Notes	*Sample:* *14-1: 0.5-1.5' PCBs, ETPH* *14-2: 1.5-2.5' PCBs* *14-3: 4-5' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *Moist black fill with coarse sand and some gravel trace silt. Bottom 6" moist brown coarse sand.*

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Boring Log

Record: 949	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*11:54:00*
End Date	*2017-09-07*
End Time	*12:11:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*15*
Completion Depth	*5*
Notes	*Sample:* *15-1: 0.5-1.5' ETPH, PCBs* *15-2: 1.5-2.5'* *15-3: 4-5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *10" concrete* *Moist black fill with coarse sand and gravel. Trace amount of silt and cobble. Coal ash present*

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Boring Log

Record: 820	
Boring Company	*Cummins envirotech*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-09-07*
Start Time	*09:49:00*
End Date	*2017-09-07*
End Time	*10:03:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*16*
Completion Depth	*5*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.0 fill consisting of medium, brown SAND and coarse gravel, with 10" concrete; 2.0-5 fill consisting of medium, brown SAND little gravel, little ash, damp at 4-5*
Notes	*Sample 0.5-1.5 pcbs etph; 1.5-2.5 pcbs; 4-5 pcbs plus dup 50*

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Boring Log

Record: 934	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*10:28:00*
End Date	*2017-09-07*
End Time	*10:42:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*17*
Completion Depth	*5*
Notes	*Sample:* *17-1: 1-1.5' ETPH, PCBs* *17-2: 1.5-2.5' PCBs* *17-3: 4-5' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *10" concrete* *Moist black fill with coarse sand and*

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Boring Log

Record: 937	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*10:52:00*
End Date	*2017-09-07*
End Time	*11:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*18*
Completion Depth	*5*
Notes	*Sample:* *18-1: 1-1.5' PCBs, ETPH* *18-2: 1.5-2.5' PCBs, PAHs* *18-3: 4-5' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *10" concrete* *Moist black fill with coarse sand and some gravel. Trace amount of silt. Coal ash present.*

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Boring Log

Record: 943	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*11:30:00*
End Date	*2017-09-07*
End Time	*11:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*19*
Completion Depth	*5*
Notes	*Sample:* *19-1: 1-1.5'. PCBs ETPH* *19-2: 1.5-2.5' PCBs PAHs* *19-3: 4-5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *12" concrete* *Moist black fill with coarse sand and some gravel. Trace amounts of silt. Coal ash present.*

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Boring Log

Record: 946	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*11:50:00*
End Date	*2017-09-07*
End Time	*12:02:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*20*
Completion Depth	*5*
Boring Photo	
Notes	*Sample:* *20-1: (1-1.5') ETPH, PCBs* *20-2: 1.5-2.5'* *20-3: 4-5'*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Black moist fill with coarse sand and gravel. Trace amount of silt and cobble. Coal ash present*

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Boring Log

Record: 961	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*12:18:00*
End Date	*2017-09-07*
End Time	*12:29:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*21*
Completion Depth	*5*
Notes	*Sample:* *21-1: 1-1.5' ETPH, PCBs* *21-2: 1.5-2'* *21-3: 4-5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*31*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *12" concrete* *Moist black fill with coarse sand and gravel, trace silt and cobble. Coal ash present.*

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Boring Log

Record: 931	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*09:53:00*
End Date	*2017-09-07*
End Time	*10:05:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*22*
Notes	*Sample:* *22-1: 1-1.5' PCBs, ETPH* *22-2: 1.5-2.5' PCBs, PAHs* *22-3: 4-5' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *12" concrete* *Moist black fill with coarse to fine sand and some gravel, trace silt. Coal ash present.*

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Boring Log

Record: 952	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*10:23:00*
End Date	*2017-09-07*
End Time	*10:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*23*
Completion Depth	*5*
Notes	*Sample:* *23-1: 1-1.5' PCBs, ETPH* *23-2: 1.5-2.5' PCBs, PAHs* *23-3: 4-5' PCBs*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *12" concrete* *Moist black fill with coarse to fine sand and some gravel, trace silt. Coal ash present.*

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Boring Log

Record: 955	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*12:07:00*
End Date	*2017-09-07*
End Time	*12:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*24*
Completion Depth	*5*
Notes	*Sample:* *24-1: 1-1.5'* *24-2: 1.5-2.5'* *24-3: 4-5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*29*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *10" concrete* *Moist black fill with coarse sand and gravel. Trace silt and cobble. Coal ash present.*

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Boring Log

Record: 958	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*12:15:00*
End Date	*2017-09-07*
End Time	*12:26:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*25*
Completion Depth	*5*
Boring Photo	
Notes	*Sample:* *25-1: 1-1.5' PCBs ETPH* *25-2: 1.5-2.5'* *25-3: 4-5'*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *10" concrete* *Moist black fill with coarse sand and gravel. Trace silt. Coal ash present.*

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Boring Log

Record: 967	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*13:50:00*
End Date	*2017-09-07*
End Time	*14:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*26*
Completion Depth	*5*
Notes	*Sample:* *26-1: 1-1.5' ETPH, PCBs* *26-2: 1.5-2.5'* *27-3: 4-5'*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*20*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*2" asphalt* *8" concrete* *Moist black fill with coarse to fine sand and gravel. Trace cobble and silt. Coal ash present.*

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Boring Log

Record: 1183	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*10:10:00*
End Date	*2017-09-11*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*27*
Completion Depth	*5*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black fill with coarse sand and some gravel. Trace evidence of fill materials*

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Boring Log

Record: 964	
Boring Company	*Cummins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-07*
Start Time	*13:36:00*
End Date	*2017-09-07*
End Time	*13:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-15*
Boring Number	*28*
Completion Depth	*5*
Notes	*Sample:* *28-1: 0.5-1.5' PCBs, ETPH* *28-2: 1.5-2.5'* *28-3: 4-5'* *28-1 is also MS/MSD for PCBs. 2 borings were conducted for volume*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*1" asphalt* *6" concrete* *Black moist fill with coarse sand and gravel. Trace silt. Coal ash present*

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APPENDIX C

Analytical Data Reports (electronic)

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 6, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17G0867

Enclosed are results of analyses for samples received by the laboratory on July 20, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

October 19, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17I0378

Enclosed are results of analyses for samples received by the laboratory on September 11, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 10/19/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17I0378

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC15-SO-27-1	17I0378-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC15-SO-27-2	17I0378-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC15-SO-27-3	17I0378-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-9-SO-29-1	17I0378-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-9-SO-29-2	17I0378-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-9-SO-29-3	17I0378-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-9-SO-29-4	17I0378-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-112-1	17I0378-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-112-2	17I0378-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-112-3	17I0378-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-111-1	17I0378-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-111-2	17I0378-12	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-111-3	17I0378-13	Soil		SM 2540G	
				SW-846 6010C-D	
				SW-846 8082A	
WS-AOC-12W-SO-105-1	17I0378-14	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-105-2	17I0378-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-105-3	17I0378-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-110-1	17I0378-17	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-110-2	17I0378-18	Soil		SM 2540G	
				SW-846 8082A	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 10/19/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17I0378

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC-12W-SO-110-3	17I0378-19	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC-12W-SO-103-1	17I0378-20	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 10/19/2017 - 17I0378-01 through -03 IDs revised.

For method 6010, only As was requested and reported.

CTDEP ETPH

Qualifications:

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

CT ETPH

17I0378-12[WS-AOC-12W-SO-111-2], B186472-MS1, B186472-MSD1

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

17I0378-01[WS-AOC15-SO-27-1]

SW-846 8082A

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl

17I0378-04[WS-AOC-9-SO-29-1], 17I0378-05[WS-AOC-9-SO-29-2]

Decachlorobiphenyl [2C]

17I0378-04[WS-AOC-9-SO-29-1], 17I0378-05[WS-AOC-9-SO-29-2]

Tetrachloro-m-xylene

17I0378-04[WS-AOC-9-SO-29-1], 17I0378-05[WS-AOC-9-SO-29-2]

Tetrachloro-m-xylene [2C]

17I0378-04[WS-AOC-9-SO-29-1], 17I0378-05[WS-AOC-9-SO-29-2]

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Meghan E. Kelley
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC15-SO-27-1 Sampled: 9/11/2017 11:29

Sample ID: 17I0378-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1221 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1232 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1242 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1248 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1254 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1260 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1262 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL
Aroclor-1268 [1]	ND	0.090	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 17:45	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.5	30-150		9/21/17 17:45
Decachlorobiphenyl [2]	84.7	30-150		9/21/17 17:45
Tetrachloro-m-xylene [1]	86.2	30-150		9/21/17 17:45
Tetrachloro-m-xylene [2]	85.6	30-150		9/21/17 17:45

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC15-SO-27-1 Sampled: 9/11/2017 11:29

Sample ID: 17I0378-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	2200	570	mg/Kg dry	50		CTDEP ETPH	9/18/17	9/20/17 19:48	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/20/17 19:48

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC15-SO-27-1 Sampled: 9/11/2017 11:29

Sample ID: 17I0378-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC15-SO-27-2 Sampled: 9/11/2017 11:30

Sample ID: 17I0378-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1221 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1232 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1242 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1248 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1254 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1260 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1262 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL
Aroclor-1268 [1]	ND	0.096	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:02	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.2	30-150		9/21/17 18:02
Decachlorobiphenyl [2]	98.5	30-150		9/21/17 18:02
Tetrachloro-m-xylene [1]	87.0	30-150		9/21/17 18:02
Tetrachloro-m-xylene [2]	88.7	30-150		9/21/17 18:02

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC15-SO-27-2 Sampled: 9/11/2017 11:30

Sample ID: 17I0378-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.6		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC15-SO-27-3 Sampled: 9/11/2017 11:31

Sample ID: 17I0378-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 18:20	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.6	30-150		9/21/17 18:20
Decachlorobiphenyl [2]	90.2	30-150		9/21/17 18:20
Tetrachloro-m-xylene [1]	82.1	30-150		9/21/17 18:20
Tetrachloro-m-xylene [2]	79.8	30-150		9/21/17 18:20

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC15-SO-27-3 Sampled: 9/11/2017 11:31

Sample ID: 17I0378-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	72.1		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-1 Sampled: 9/11/2017 11:46

Sample ID: 17I0378-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1221 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1232 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1242 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1248 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1254 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1260 [2]	78	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1262 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL
Aroclor-1268 [1]	ND	9.1	mg/Kg dry	400		SW-846 8082A	9/18/17	9/22/17 7:56	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/22/17 7:56
Decachlorobiphenyl [2]	*	30-150	S-01	9/22/17 7:56
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/22/17 7:56
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/22/17 7:56

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-1 Sampled: 9/11/2017 11:46

Sample ID: 17I0378-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-2 Sampled: 9/11/2017 11:47

Sample ID: 17I0378-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1221 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1232 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1242 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1248 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1254 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1260 [2]	5.9	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1262 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL
Aroclor-1268 [1]	ND	0.89	mg/Kg dry	40		SW-846 8082A	9/18/17	9/22/17 8:08	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/22/17 8:08
Decachlorobiphenyl [2]	*	30-150	S-01	9/22/17 8:08
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/22/17 8:08
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/22/17 8:08

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-2 Sampled: 9/11/2017 11:47

Sample ID: 17I0378-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.3		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-3 Sampled: 9/11/2017 11:48

Sample ID: 17I0378-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1260 [2]	0.11	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:12	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.1	30-150		9/21/17 19:12
Decachlorobiphenyl [2]	101	30-150		9/21/17 19:12
Tetrachloro-m-xylene [1]	91.9	30-150		9/21/17 19:12
Tetrachloro-m-xylene [2]	91.0	30-150		9/21/17 19:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-3 Sampled: 9/11/2017 11:48

Sample ID: 17I0378-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.4		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-4 Sampled: 9/11/2017 11:49

Sample ID: 17I0378-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:30	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.1	30-150		9/21/17 19:30
Decachlorobiphenyl [2]	107	30-150		9/21/17 19:30
Tetrachloro-m-xylene [1]	91.4	30-150		9/21/17 19:30
Tetrachloro-m-xylene [2]	91.3	30-150		9/21/17 19:30

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-9-SO-29-4 Sampled: 9/11/2017 11:49

Sample ID: 17I0378-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.2		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-112-1 Sampled: 9/11/2017 12:15

Sample ID: 17I0378-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1221 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1232 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1242 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1248 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1254 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1260 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1262 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL
Aroclor-1268 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 19:47	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.5	30-150		9/21/17 19:47
Decachlorobiphenyl [2]	92.3	30-150		9/21/17 19:47
Tetrachloro-m-xylene [1]	91.0	30-150		9/21/17 19:47
Tetrachloro-m-xylene [2]	92.9	30-150		9/21/17 19:47

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-112-1 Sampled: 9/11/2017 12:15

Sample ID: 17I0378-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-112-2 Sampled: 9/11/2017 12:16

Sample ID: 17I0378-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1221 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1232 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1242 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1248 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1254 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1260 [1]	0.12	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1262 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL
Aroclor-1268 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:05	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	63.5	30-150		9/21/17 20:05
Decachlorobiphenyl [2]	80.5	30-150		9/21/17 20:05
Tetrachloro-m-xylene [1]	72.3	30-150		9/21/17 20:05
Tetrachloro-m-xylene [2]	72.9	30-150		9/21/17 20:05

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-112-2 Sampled: 9/11/2017 12:16

Sample ID: 17I0378-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.3		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-112-3 Sampled: 9/11/2017 12:17

Sample ID: 17I0378-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1221 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1232 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1242 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1248 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1254 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1260 [2]	0.16	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1262 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL
Aroclor-1268 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:22	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	71.0	30-150		9/21/17 20:22
Decachlorobiphenyl [2]	81.2	30-150		9/21/17 20:22
Tetrachloro-m-xylene [1]	77.7	30-150		9/21/17 20:22
Tetrachloro-m-xylene [2]	80.2	30-150		9/21/17 20:22

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-112-3 Sampled: 9/11/2017 12:17

Sample ID: 17I0378-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-1 Sampled: 9/11/2017 09:35

Sample ID: 17I0378-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1221 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1232 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1242 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1248 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1254 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1260 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1262 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL
Aroclor-1268 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	77.3	30-150		9/21/17 20:39
Decachlorobiphenyl [2]	84.5	30-150		9/21/17 20:39
Tetrachloro-m-xylene [1]	87.9	30-150		9/21/17 20:39
Tetrachloro-m-xylene [2]	92.0	30-150		9/21/17 20:39

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-1 Sampled: 9/11/2017 09:35

Sample ID: 17I0378-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.2		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-2 Sampled: 9/11/2017 09:36

Sample ID: 17I0378-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1221 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1232 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1242 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1248 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1254 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1260 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1262 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL
Aroclor-1268 [1]	ND	0.083	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 20:57	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.9	30-150		9/21/17 20:57
Decachlorobiphenyl [2]	86.0	30-150		9/21/17 20:57
Tetrachloro-m-xylene [1]	90.0	30-150		9/21/17 20:57
Tetrachloro-m-xylene [2]	97.9	30-150		9/21/17 20:57

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-2 Sampled: 9/11/2017 09:36

Sample ID: 17I0378-12

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	91	52	mg/Kg dry	5	MS-09	CTDEP ETPH	9/18/17	9/20/17 1:43	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	83.2	50-150		9/20/17 1:43

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-2 Sampled: 9/11/2017 09:36

Sample ID: 17I0378-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.6		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-3 Sampled: 9/11/2017 09:37

Sample ID: 17I0378-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1221 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1232 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1242 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1248 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1254 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1260 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1262 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL
Aroclor-1268 [1]	ND	0.082	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:04	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.8	30-150		9/21/17 23:04
Decachlorobiphenyl [2]	97.1	30-150		9/21/17 23:04
Tetrachloro-m-xylene [1]	93.3	30-150		9/21/17 23:04
Tetrachloro-m-xylene [2]	96.5	30-150		9/21/17 23:04

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-3 Sampled: 9/11/2017 09:37

Sample ID: 17I0378-13

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.4	mg/Kg dry	1		SW-846 6010C-D	9/18/17	9/19/17 13:58	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-111-3 Sampled: 9/11/2017 09:37

Sample ID: 17I0378-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.2		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-105-1 Sampled: 9/11/2017 09:38

Sample ID: 17I0378-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1221 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1232 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1242 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1248 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1254 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1260 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1262 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL
Aroclor-1268 [1]	ND	0.091	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:21	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	83.1	30-150		9/21/17 23:21
Decachlorobiphenyl [2]	94.2	30-150		9/21/17 23:21
Tetrachloro-m-xylene [1]	90.4	30-150		9/21/17 23:21
Tetrachloro-m-xylene [2]	89.7	30-150		9/21/17 23:21

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-105-1 Sampled: 9/11/2017 09:38

Sample ID: 17I0378-14

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	250	110	mg/Kg dry	10		CTDEP ETPH	9/18/17	9/20/17 2:01	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	64.0	50-150		9/20/17 2:01

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-105-1 Sampled: 9/11/2017 09:38

Sample ID: 17I0378-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-105-2 Sampled: 9/11/2017 09:39

Sample ID: 17I0378-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1221 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1232 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1242 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1248 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1254 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1260 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1262 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL
Aroclor-1268 [1]	ND	0.086	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:38	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.5	30-150		9/21/17 23:38
Decachlorobiphenyl [2]	83.7	30-150		9/21/17 23:38
Tetrachloro-m-xylene [1]	84.8	30-150		9/21/17 23:38
Tetrachloro-m-xylene [2]	90.9	30-150		9/21/17 23:38

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-105-2 Sampled: 9/11/2017 09:39

Sample ID: 17I0378-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.5		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-105-3 Sampled: 9/11/2017 09:40

Sample ID: 17I0378-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1221 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1232 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1242 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1248 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1254 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1260 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1262 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL
Aroclor-1268 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/18/17	9/21/17 23:56	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	41.8	30-150		9/21/17 23:56
Decachlorobiphenyl [2]	50.9	30-150		9/21/17 23:56
Tetrachloro-m-xylene [1]	45.9	30-150		9/21/17 23:56
Tetrachloro-m-xylene [2]	44.6	30-150		9/21/17 23:56

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-105-3 Sampled: 9/11/2017 09:40

Sample ID: 17I0378-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.9		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-110-1 Sampled: 9/11/2017 09:46

Sample ID: 17I0378-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1221 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1232 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1242 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1248 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1254 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1260 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1262 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL
Aroclor-1268 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:13	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.7	30-150		9/22/17 0:13
Decachlorobiphenyl [2]	78.4	30-150		9/22/17 0:13
Tetrachloro-m-xylene [1]	80.6	30-150		9/22/17 0:13
Tetrachloro-m-xylene [2]	85.8	30-150		9/22/17 0:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-110-1 Sampled: 9/11/2017 09:46

Sample ID: 17I0378-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.4		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-110-2 Sampled: 9/11/2017 09:47

Sample ID: 17I0378-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1221 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1232 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1242 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1248 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1254 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1260 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1262 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL
Aroclor-1268 [1]	ND	0.081	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:31	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.1	30-150		9/22/17 0:31
Decachlorobiphenyl [2]	85.5	30-150		9/22/17 0:31
Tetrachloro-m-xylene [1]	82.3	30-150		9/22/17 0:31
Tetrachloro-m-xylene [2]	88.2	30-150		9/22/17 0:31

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-110-2 Sampled: 9/11/2017 09:47

Sample ID: 17I0378-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.3		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-110-3 Sampled: 9/11/2017 09:48

Sample ID: 17I0378-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1221 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1232 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1242 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1248 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1254 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1260 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1262 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL
Aroclor-1268 [1]	ND	0.084	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 0:48	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.8	30-150		9/22/17 0:48
Decachlorobiphenyl [2]	89.4	30-150		9/22/17 0:48
Tetrachloro-m-xylene [1]	88.2	30-150		9/22/17 0:48
Tetrachloro-m-xylene [2]	92.8	30-150		9/22/17 0:48

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-110-3 Sampled: 9/11/2017 09:48

Sample ID: 17I0378-19

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	66	53	mg/Kg dry	5		CTDEP ETPH	9/18/17	9/20/17 19:13	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	74.8	50-150		9/20/17 19:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-110-3 Sampled: 9/11/2017 09:48

Sample ID: 17I0378-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.3		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-103-1 Sampled: 9/11/2017 09:54

Sample ID: 17I0378-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1221 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1232 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1242 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1248 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1254 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1260 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1262 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL
Aroclor-1268 [1]	ND	0.085	mg/Kg dry	4		SW-846 8082A	9/18/17	9/22/17 1:06	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.8	30-150		9/22/17 1:06
Decachlorobiphenyl [2]	87.4	30-150		9/22/17 1:06
Tetrachloro-m-xylene [1]	86.3	30-150		9/22/17 1:06
Tetrachloro-m-xylene [2]	91.6	30-150		9/22/17 1:06

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-103-1 Sampled: 9/11/2017 09:54

Sample ID: 17I0378-20

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	23	11	mg/Kg dry	1		CTDEP ETPH	9/18/17	9/20/17 7:54	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	79.8	50-150		9/20/17 7:54

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17I0378

Date Received: 9/11/2017

Field Sample #: WS-AOC-12W-SO-103-1 Sampled: 9/11/2017 09:54

Sample ID: 17I0378-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.7		% Wt	1		SM 2540G	9/18/17	9/19/17 8:23	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17I0378-01 [WS-AOC15-SO-27-1]	B186472	30.2	1.00	09/18/17
17I0378-12 [WS-AOC-12W-SO-111-2]	B186472	30.0	1.00	09/18/17
17I0378-14 [WS-AOC-12W-SO-105-1]	B186472	30.0	1.00	09/18/17
17I0378-19 [WS-AOC-12W-SO-110-3]	B186472	30.1	1.00	09/18/17
17I0378-20 [WS-AOC-12W-SO-103-1]	B186472	30.1	1.00	09/18/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17I0378-01 [WS-AOC15-SO-27-1]	B186437	09/18/17
17I0378-02 [WS-AOC15-SO-27-2]	B186437	09/18/17
17I0378-03 [WS-AOC15-SO-27-3]	B186437	09/18/17
17I0378-04 [WS-AOC-9-SO-29-1]	B186437	09/18/17
17I0378-05 [WS-AOC-9-SO-29-2]	B186437	09/18/17
17I0378-06 [WS-AOC-9-SO-29-3]	B186437	09/18/17
17I0378-07 [WS-AOC-9-SO-29-4]	B186437	09/18/17
17I0378-08 [WS-AOC-12W-SO-112-1]	B186437	09/18/17
17I0378-09 [WS-AOC-12W-SO-112-2]	B186437	09/18/17
17I0378-10 [WS-AOC-12W-SO-112-3]	B186437	09/18/17
17I0378-11 [WS-AOC-12W-SO-111-1]	B186437	09/18/17
17I0378-12 [WS-AOC-12W-SO-111-2]	B186437	09/18/17
17I0378-13 [WS-AOC-12W-SO-111-3]	B186437	09/18/17
17I0378-14 [WS-AOC-12W-SO-105-1]	B186437	09/18/17
17I0378-15 [WS-AOC-12W-SO-105-2]	B186437	09/18/17
17I0378-16 [WS-AOC-12W-SO-105-3]	B186437	09/18/17
17I0378-17 [WS-AOC-12W-SO-110-1]	B186437	09/18/17
17I0378-18 [WS-AOC-12W-SO-110-2]	B186437	09/18/17
17I0378-19 [WS-AOC-12W-SO-110-3]	B186437	09/18/17
17I0378-20 [WS-AOC-12W-SO-103-1]	B186437	09/18/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17I0378-13 [WS-AOC-12W-SO-111-3]	B186450	1.08	50.0	09/18/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17I0378-01 [WS-AOC15-SO-27-1]	B186484	10.1	10.0	09/18/17
17I0378-02 [WS-AOC15-SO-27-2]	B186484	10.2	10.0	09/18/17
17I0378-03 [WS-AOC15-SO-27-3]	B186484	10.2	10.0	09/18/17
17I0378-04 [WS-AOC-9-SO-29-1]	B186484	10.0	10.0	09/18/17
17I0378-05 [WS-AOC-9-SO-29-2]	B186484	10.0	10.0	09/18/17
17I0378-06 [WS-AOC-9-SO-29-3]	B186484	10.2	10.0	09/18/17
17I0378-07 [WS-AOC-9-SO-29-4]	B186484	10.0	10.0	09/18/17
17I0378-08 [WS-AOC-12W-SO-112-1]	B186484	10.2	10.0	09/18/17
17I0378-09 [WS-AOC-12W-SO-112-2]	B186484	10.0	10.0	09/18/17
17I0378-10 [WS-AOC-12W-SO-112-3]	B186484	10.1	10.0	09/18/17
17I0378-11 [WS-AOC-12W-SO-111-1]	B186484	10.2	10.0	09/18/17
17I0378-12 [WS-AOC-12W-SO-111-2]	B186484	10.0	10.0	09/18/17
17I0378-13 [WS-AOC-12W-SO-111-3]	B186484	10.2	10.0	09/18/17

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17I0378-14 [WS-AOC-12W-SO-105-1]	B186484	10.1	10.0	09/18/17
17I0378-15 [WS-AOC-12W-SO-105-2]	B186484	10.0	10.0	09/18/17
17I0378-16 [WS-AOC-12W-SO-105-3]	B186484	10.0	10.0	09/18/17
17I0378-17 [WS-AOC-12W-SO-110-1]	B186484	10.0	10.0	09/18/17
17I0378-18 [WS-AOC-12W-SO-110-2]	B186484	10.2	10.0	09/18/17
17I0378-19 [WS-AOC-12W-SO-110-3]	B186484	10.2	10.0	09/18/17
17I0378-20 [WS-AOC-12W-SO-103-1]	B186484	10.0	10.0	09/18/17

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B186484 - SW-846 3540C										
Blank (B186484-BLK1)				Prepared: 09/18/17 Analyzed: 09/21/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg wet	0.200		89.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.194*		mg/Kg wet	0.200		97.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.141*		mg/Kg wet	0.200		70.5	30-150			
LCS (B186484-BS1)				Prepared: 09/18/17 Analyzed: 09/21/17						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		84.1	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		83.3	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		78.5	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		80.1	40-140			
Surrogate: Decachlorobiphenyl	*0.205*		mg/Kg wet	0.200		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.176*		mg/Kg wet	0.200		88.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.195*		mg/Kg wet	0.200		97.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.144*		mg/Kg wet	0.200		71.8	30-150			
LCS Dup (B186484-BSD1)				Prepared: 09/18/17 Analyzed: 09/21/17						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		85.6	40-140	1.78	30	
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		84.0	40-140	0.774	30	
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		79.1	40-140	0.742	30	
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		80.9	40-140	1.03	30	
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.200		99.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.203*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.150*		mg/Kg wet	0.200		74.9	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B186484 - SW-846 3540C										
Matrix Spike (B186484-MS1)		**Source: 17I0378-09**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.17	0.086	mg/Kg dry	0.214	ND	80.3	40-140			
Aroclor-1016 [2C]	0.16	0.086	mg/Kg dry	0.214	ND	73.9	40-140			
Aroclor-1260	0.23	0.086	mg/Kg dry	0.214	0.12	52.2	40-140			
Aroclor-1260 [2C]	0.24	0.086	mg/Kg dry	0.214	0.11	62.4	40-140			
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg dry	0.214		77.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.195*		mg/Kg dry	0.214		91.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.186*		mg/Kg dry	0.214		86.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg dry	0.214		86.8	30-150			
Matrix Spike (B186484-MS2)		**Source: 17I0378-12**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.17	0.081	mg/Kg dry	0.203	ND	85.4	40-140			
Aroclor-1016 [2C]	0.17	0.081	mg/Kg dry	0.203	ND	85.8	40-140			
Aroclor-1260	0.15	0.081	mg/Kg dry	0.203	ND	72.2	40-140			
Aroclor-1260 [2C]	0.15	0.081	mg/Kg dry	0.203	ND	73.8	40-140			
Surrogate: Decachlorobiphenyl	*0.155*		mg/Kg dry	0.203		76.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.168*		mg/Kg dry	0.203		82.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.178*		mg/Kg dry	0.203		87.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.188*		mg/Kg dry	0.203		92.8	30-150			
Matrix Spike (B186484-MS3)		**Source: 17I0378-15**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.20	0.085	mg/Kg dry	0.212	ND	92.3	40-140			
Aroclor-1016 [2C]	0.19	0.085	mg/Kg dry	0.212	ND	88.7	40-140			
Aroclor-1260	0.17	0.085	mg/Kg dry	0.212	ND	81.2	40-140			
Aroclor-1260 [2C]	0.18	0.085	mg/Kg dry	0.212	ND	84.9	40-140			
Surrogate: Decachlorobiphenyl	*0.178*		mg/Kg dry	0.212		83.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.196*		mg/Kg dry	0.212		92.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.203*		mg/Kg dry	0.212		96.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.209*		mg/Kg dry	0.212		98.8	30-150			
Matrix Spike (B186484-MS4)		**Source: 17I0378-18**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.19	0.083	mg/Kg dry	0.208	ND	91.0	40-140			
Aroclor-1016 [2C]	0.19	0.083	mg/Kg dry	0.208	ND	92.4	40-140			
Aroclor-1260	0.16	0.083	mg/Kg dry	0.208	ND	76.5	40-140			
Aroclor-1260 [2C]	0.17	0.083	mg/Kg dry	0.208	ND	81.8	40-140			
Surrogate: Decachlorobiphenyl	*0.165*		mg/Kg dry	0.208		79.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.177*		mg/Kg dry	0.208		85.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.190*		mg/Kg dry	0.208		91.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.210*		mg/Kg dry	0.208		101	30-150			
Matrix Spike Dup (B186484-MSD1)		**Source: 17I0378-09**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.16	0.085	mg/Kg dry	0.212	ND	76.7	40-140	5.63	50	
Aroclor-1016 [2C]	0.15	0.085	mg/Kg dry	0.212	ND	71.7	40-140	3.97	50	
Aroclor-1260	0.21	0.085	mg/Kg dry	0.212	0.12	41.2	40-140	11.2	50	
Aroclor-1260 [2C]	0.22	0.085	mg/Kg dry	0.212	0.11	52.1	40-140	10.1	50	
Surrogate: Decachlorobiphenyl	*0.160*		mg/Kg dry	0.212		75.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.194*		mg/Kg dry	0.212		91.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg dry	0.212		93.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg dry	0.212		84.2	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B186484 - SW-846 3540C										
Matrix Spike Dup (B186484-MSD2)		**Source: 17I0378-12**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.19	0.082	mg/Kg dry	0.205	ND	90.7	40-140	6.99	50	
Aroclor-1016 [2C]	0.19	0.082	mg/Kg dry	0.205	ND	90.8	40-140	6.64	50	
Aroclor-1260	0.15	0.082	mg/Kg dry	0.205	ND	74.5	40-140	4.12	50	
Aroclor-1260 [2C]	0.16	0.082	mg/Kg dry	0.205	ND	76.7	40-140	4.80	50	
Surrogate: Decachlorobiphenyl	*0.164*		mg/Kg dry	0.205		80.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg dry	0.205		87.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.196*		mg/Kg dry	0.205		95.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.207*		mg/Kg dry	0.205		101	30-150			
Matrix Spike Dup (B186484-MSD3)		**Source: 17I0378-15**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.19	0.084	mg/Kg dry	0.210	ND	91.0	40-140	2.33	50	
Aroclor-1016 [2C]	0.19	0.084	mg/Kg dry	0.210	ND	90.7	40-140	1.20	50	
Aroclor-1260	0.16	0.084	mg/Kg dry	0.210	ND	77.5	40-140	5.58	50	
Aroclor-1260 [2C]	0.17	0.084	mg/Kg dry	0.210	ND	81.7	40-140	4.79	50	
Surrogate: Decachlorobiphenyl	*0.165*		mg/Kg dry	0.210		78.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg dry	0.210		85.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.192*		mg/Kg dry	0.210		91.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.202*		mg/Kg dry	0.210		96.2	30-150			
Matrix Spike Dup (B186484-MSD4)		**Source: 17I0378-18**		Prepared: 09/18/17 Analyzed: 09/22/17						
Aroclor-1016	0.19	0.083	mg/Kg dry	0.208	ND	89.7	40-140	1.51	50	
Aroclor-1016 [2C]	0.19	0.083	mg/Kg dry	0.208	ND	90.6	40-140	1.98	50	
Aroclor-1260	0.16	0.083	mg/Kg dry	0.208	ND	77.2	40-140	0.976	50	
Aroclor-1260 [2C]	0.17	0.083	mg/Kg dry	0.208	ND	83.5	40-140	2.09	50	
Surrogate: Decachlorobiphenyl	*0.163*		mg/Kg dry	0.208		78.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.174*		mg/Kg dry	0.208		83.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg dry	0.208		87.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.194*		mg/Kg dry	0.208		93.3	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B186472 - SW-846 3546											
Blank (B186472-BLK1)				Prepared: 09/18/17 Analyzed: 09/19/17							
CT ETPH	ND	10	mg/Kg wet								
Surrogate: o-Terphenyl	*2.75*		mg/Kg wet	3.33		82.4		50-150			
LCS (B186472-BS1)				Prepared: 09/18/17 Analyzed: 09/19/17							
CT ETPH	24.8	10	mg/Kg wet	33.3		74.5		60-120			
Surrogate: o-Terphenyl	*2.85*		mg/Kg wet	3.33		85.6		50-150			
LCS Dup (B186472-BSD1)				Prepared: 09/18/17 Analyzed: 09/19/17							
CT ETPH	24.2	10	mg/Kg wet	33.3		72.5		60-120	2.67	30	
Surrogate: o-Terphenyl	*2.73*		mg/Kg wet	3.33		81.8		50-150			
Matrix Spike (B186472-MS1)	**Source: 17I0378-12**			Prepared: 09/18/17 Analyzed: 09/20/17							
CT ETPH	74.4	52	mg/Kg dry	34.4	91.1	**-48.7**	*	50-150			MS-09
Surrogate: o-Terphenyl	*2.70*		mg/Kg dry	3.44		78.4		50-150			
Matrix Spike Dup (B186472-MSD1)	**Source: 17I0378-12**			Prepared: 09/18/17 Analyzed: 09/20/17							
CT ETPH	67.0	52	mg/Kg dry	34.4	91.1	**-70.3**	*	50-150	10.5	30	MS-09
Surrogate: o-Terphenyl	*2.36*		mg/Kg dry	3.44		68.7		50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B186450 - SW-846 3050B										
Blank (B186450-BLK1)				Prepared: 09/18/17 Analyzed: 09/19/17						
Arsenic	ND	2.5	mg/Kg wet							
LCS (B186450-BS1)				Prepared: 09/18/17 Analyzed: 09/19/17						
Arsenic	143	5.0	mg/Kg wet	157		90.9	77.8-122.1			
LCS Dup (B186450-BSD1)				Prepared: 09/18/17 Analyzed: 09/19/17						
Arsenic	146	4.8	mg/Kg wet	157		93.1	77.8-122.1	2.31	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B186437 - % Solids										
Duplicate (B186437-DUP1)		**Source: 17I0378-09**		Prepared: 09/18/17	Analyzed: 09/19/17					
% Solids	92.2		% Wt		93.3			1.19	20	
Duplicate (B186437-DUP2)		**Source: 17I0378-12**		Prepared: 09/18/17	Analyzed: 09/19/17					
% Solids	96.1		% Wt		96.6			0.519	20	
Duplicate (B186437-DUP3)		**Source: 17I0378-15**		Prepared: 09/18/17	Analyzed: 09/19/17					
% Solids	92.8		% Wt		93.5			0.751	20	
Duplicate (B186437-DUP4)		**Source: 17I0378-18**		Prepared: 09/18/17	Analyzed: 09/19/17					
% Solids	96.0		% Wt		96.3			0.312	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC-9-SO-29-1

Lab Sample ID: 17I0378-04

Date(s) Analyzed: 09/22/2017 09/22/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	74	
	2	0.000	-0.030	0.030	78	5.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC-9-SO-29-2

Lab Sample ID: 17I0378-05

Date(s) Analyzed: 09/22/2017 09/22/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.7	
	2	0.000	-0.030	0.030	5.9	3.5

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC-12W-SO-112-2

Lab Sample ID: 17I0378-09

Date(s) Analyzed: 09/21/2017 09/21/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.12	
	2	0.000	-0.030	0.030	0.11	8.7

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC-12W-SO-112-3

Lab Sample ID: 17I0378-10

Date(s) Analyzed: 09/21/2017 09/21/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.16	6.5

con-test® ANALYTICAL LABORATORY

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Arsenic	CT,NH,NY,ME,VA,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17I0378

con-test ANALYTICAL LABORATORY

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Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 5

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCB, Soxhlet	ETPH	# of Containers	[2] Preservation Code	[3] Container Code
01	WS-AOC-15-SO-20-1	9/11/17	1129		X	S	U	X	X			
02	WS-AOC-15-SO-20-2	9/11/17	1130		X	S	U	X				
03	WS-AOC-15-SO-20-3	9/11/17	1131		X	S	U	X				
04	WS-AOC-9-SO-29-1	9/11/17	1146		X	S	U	X				
05	WS-AOC-9-SO-29-2	9/11/17	1147		X	S	U	X				
06	WS-AOC-9-SO-29-3	9/11/17	1148		X	S	U	X				
07	WS-AOC-9-SO-29-4	9/11/17	1149		X	S	U	X				
08	WS-AOC-12W-SO-112-1	9/11/17	1215		X	S	U	X				
09	WS-AOC-12W-SO-112-2	9/11/17	1216		X	S	U	X				
10	WS-AOC-12W-SO-112-3	9/11/17	1217		X	S	U	X				

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define) _____

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define) _____

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define) _____

Comments:

Please hold excess volumes for possible SPLP analyses.
Please do MS/MSD for WS-AOC-12W-SO-112-2

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 9/11/17 1445	
Received by: (signature)	Date/Time: 9/11/17 1445	
Relinquished by: (signature)	Date/Time: 9/11/17 1505	
Received by: (signature)	Date/Time: 9/11/17 1505	
Relinquished by: (signature)	Date/Time: 9/11/17 1630	
Received by: (signature) 2.3, 5.9	Date/Time: 9/11/17 1630	

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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17I0378

con-test ANALYTICAL LABORATORY

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CHAIN OF CUSTODY RECORD

Doc # 381 Rev 0 5 8 2015

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs Soxhlet	ETPH	Arsenic
11	WS-AOC-12W-SO-111-1	9/11/17	0935		X	S	U	X		
12	WS-AOC-12W-SO-111-2	9/11/17	0936		X	S	U	X	X	
13	WS-AOC-12W-SO-111-3	9/11/17	0937		X	S	U	X		X
14	WS-AOC-12W-SO-105-1	9/11/17	0938		X	S	U	X	X	
15	WS-AOC-12W-SO-105-2	9/11/17	0939		X	S	U	X		
16	WS-AOC-12W-SO-105-3	9/11/17	0940		X	S	U	X		
17	WS-AOC-12W-SO-110-1	9/11/17	0946		X	S	U	X		
18	WS-AOC-12W-SO-110-2	9/11/17	0947		X	S	U	X		
19	WS-AOC-12W-SO-110-3	9/11/17	0948		X	S	U	X	X	
20	WS-AOC-12W-SO-103-1	9/11/17	0954		X	S	U	X	X	

# of Containers	I
[2] Preservation Code	I
[3] Container Code	X

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
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H = HCL
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B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.
please do MS/MSD analysis for WS-AOC-12W-SO-111-2 for PCBs and ETPH, and for WS-AOC-12W-SO-105-2 for only PCBs, and WS-AOC-12W-SO-110-2 for PCBs

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) [signature]	Date/Time: 9/11/17 1445
Received by: (signature) [signature]	Date/Time: 9/11/17 1445
Relinquished by: (signature) [signature]	Date/Time: 9/11/17 1505
Received by: (signature) [signature] 9/11/17	Date/Time: 15:05
Relinquished by: (signature) [signature] 9/11/17	Date/Time: 430
Received by: (signature) [signature] 23,59	Date/Time: 9/11/17 1630

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By RLF Date 9/11/17 Time 1130

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 7 Actual Temp - 2.3°C
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? ____
Are there Rushes? F Who was notified? ____
Are there Short Holds? F Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? ~~NA~~ T
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? NA
Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	28
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A091917.SEC\A0919137.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/20/17
Data File Name	A0919137.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	620853	652710	-5
c - 10	1.63	631926	652710	-3
c - 12	2.34	650993	652710	0
c - 14	3.01	660660	652710	1
c - 16	3.61	672375	652710	3
c - 18	4.22	661082	652710	1
o-Terphenyl	4.51	734754	652710	
c - 20	4.83	666433	652710	2
c - 22	5.33	671692	652710	3
c - 24	5.77	624925	652710	-4
c - 26	6.16	658424	652710	1
c - 28	6.52	654250	652710	0
c - 30	6.85	655163	652710	0
c - 32	7.16	647569	652710	-1
c - 34	7.45	655759	652710	0
c - 36	7.76	658546	652710	1

* One compound allowed %D <= 50%

Samples

17I0378-20
17I0380-01
17I0380-03
17I0241-04@20X

D:\HPCHEM\1\DATA\A091917.SEC\A0919035.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/19/17
Data File Name	A0919035.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	546711	576637	-5
c - 10	1.62	556905	576637	-3
c - 12	2.34	574213	576637	0
c - 14	3.01	583332	576637	1
c - 16	3.61	594004	576637	3
c - 18	4.23	585093	576637	1
o-Terphenyl	4.51	648324	576637	
c - 20	4.83	589878	576637	2
c - 22	5.33	595941	576637	3
c - 24	5.77	554361	576637	-4
c - 26	6.16	583067	576637	1
c - 28	6.52	578745	576637	0
c - 30	6.85	578910	576637	0
c - 32	7.16	570456	576637	-1
c - 34	7.45	576804	576637	0
c - 36	7.77	581137	576637	1

* One compound allowed %D <= 50%

Samples
17I0242-15@20X
17I0244-05@20X
17I0244-14@20X
17I0320-19@5X
17I0321-05@5X
17I0321-08@5X
17I0242-06@20X
17I0242-09@20X
17I0241-04@20X
17I0241-13@20X
17I0456-01@20X

D:\HPCHEM\1\DATA\A091917.SEC\A0919081.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/19/17
Data File Name	A0919081.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	601774	632314	-5
c - 10	1.63	612165	632314	-3
c - 12	2.35	630848	632314	0
c - 14	3.01	640223	632314	1
c - 16	3.61	651756	632314	3
c - 18	4.22	640680	632314	1
o-Terphenyl	4.51	710078	632314	
c - 20	4.83	645606	632314	2
c - 22	5.33	652240	632314	3
c - 24	5.77	606960	632314	-4
c - 26	6.16	638906	632314	1
c - 28	6.52	633560	632314	0
c - 30	6.85	633652	632314	0
c - 32	7.16	624927	632314	-1
c - 34	7.45	634184	632314	0
c - 36	7.77	637226	632314	1

* One compound allowed %D <= 50%

Samples
17I0531-03
17I0531-04
17I0656-01
17I0378-12@5X
17I0378-14@10X
17I0319-08@5X
17I0319-16@5X
17I0320-08@5X
17I0320-12@5X
17I0321-02@20X
17I0455-01@20X
17I0531-01
17I0531-02

D:\HPCHEM\1\DATA\A092017.SEC\A0920031.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/20/17
Data File Name	A0920031.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	541173	562711	-4
c - 10	1.62	549935	562711	-2
c - 12	2.34	566528	562711	1
c - 14	3.01	574189	562711	2
c - 16	3.61	582627	562711	4
c - 18	4.22	570510	562711	1
o-Terphenyl	4.51	631761	562711	
c - 20	4.83	572845	562711	2
c'- 22	5.33	578821	562711	3
c - 24	5.77	538783	562711	-4
c - 26	6.16	569323	562711	1
c - 28	6.52	564215	562711	0
c - 30	6.85	562306	562711	0
c - 32	7.16	552003	562711	-2
c - 34	7.45	557640	562711	-1
c - 36	7.76	559760	562711	-1

* One compound allowed %D </= 50%

Samples

17I0719-02@5X
17I0719-03@50X
17I0719-05@100X
17I0719-06@100X
17I0719-14@100X
17I0719-01@100X
17I0378-19@5X
17I0379-03@50X
17I0378-01@50X
17I0380-04@5X
17I0380-06@20X
17I0380-02@10X
17I0517-13

D:\HPCHEM\1\DATA\A092017.SEC\A0920079.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/20/17
Data File Name	A0920079.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	593179	621951	-5
c - 10	1.62	601870	621951	-3
c - 12	2.34	620530	621951	0
c - 14	3.01	631091	621951	1
c - 16	3.61	641967	621951	3
c - 18	4.22	630375	621951	1
o-Terphenyl	4.51	697469	621951	
c - 20	4.83	634151	621951	2
c - 22	5.33	640559	621951	3
c - 24	5.77	596341	621951	-4
c - 26	6.16	629258	621951	1
c - 28	6.52	625172	621951	1
c - 30	6.85	625957	621951	1
c - 32	7.16	616353	621951	-1
c - 34	7.45	620644	621951	0
c - 36	7.76	621823	621951	0

* One compound allowed %D </= 50%

Samples

17I0517-04
17I0517-09
17I0517-12
17I0462-04
17I0462-17
17I0462-20
17I0463-12
17I0241-10RE1@5X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17I0378

Laboratory Sample ID(s):

17I0378-01 thru 17I0378-20

Sample Date(s):

09/11/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **09/22/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/6/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G0867

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC12W-SO-48-2	17G0867-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-48-3	17G0867-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-88-1	17G0867-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-88-2A	17G0867-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-88-2B	17G0867-05	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC12W-SO-88-3	17G0867-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-88-4	17G0867-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-98-1	17G0867-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-98-2A	17G0867-09	Water		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-98-2B	17G0867-10	Soil		SM 2540G	
				SW-846 8270D	
WS-AOC12W-SO-98-3	17G0867-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-98-4	17G0867-12	Water		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-97-1	17G0867-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-97-2A	17G0867-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-97-2B	17G0867-15	Soil		SM 2540G	
				SW-846 8270D	
WS-AOC12W-SO-97-3	17G0867-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-97-4	17G0867-17	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-89-1	17G0867-18	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-89-2	17G0867-19	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-89-3	17G0867-20	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT 09/06/17 - Sample IDs updated per client request.

REVISED REPORT 08/15/17 - Sample IDs updated per chain of custody.

For method 8270, only PAHs were requested and reported.

SW-846 8082A

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
17G0867-12[WS-AOC12W-SO-98-4]

Decachlorobiphenyl [2C]
17G0867-12[WS-AOC12W-SO-98-4]

Tetrachloro-m-xylene
17G0867-12[WS-AOC12W-SO-98-4]

Tetrachloro-m-xylene [2C]
17G0867-12[WS-AOC12W-SO-98-4]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

James M. Georgantas
Project Management Supervisor

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-48-2 Sampled: 7/20/2017 10:32

Sample ID: 17G0867-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 22:45	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		7/31/17 22:45
Decachlorobiphenyl [2]	112	30-150		7/31/17 22:45
Tetrachloro-m-xylene [1]	89.6	30-150		7/31/17 22:45
Tetrachloro-m-xylene [2]	95.3	30-150		7/31/17 22:45

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-48-2 Sampled: 7/20/2017 10:32

Sample ID: 17G0867-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-48-3 Sampled: 7/20/2017 10:34

Sample ID: 17G0867-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1221 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1232 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1242 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1248 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1254 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1260 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1262 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL
Aroclor-1268 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:03	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.3	30-150		7/31/17 23:03
Decachlorobiphenyl [2]	115	30-150		7/31/17 23:03
Tetrachloro-m-xylene [1]	92.2	30-150		7/31/17 23:03
Tetrachloro-m-xylene [2]	98.0	30-150		7/31/17 23:03

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-48-3 Sampled: 7/20/2017 10:34

Sample ID: 17G0867-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	53.8		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-1 Sampled: 7/20/2017 13:25

Sample ID: 17G0867-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1260 [2]	0.22	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:21	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.4	30-150		7/31/17 23:21
Decachlorobiphenyl [2]	101	30-150		7/31/17 23:21
Tetrachloro-m-xylene [1]	86.3	30-150		7/31/17 23:21
Tetrachloro-m-xylene [2]	92.7	30-150		7/31/17 23:21

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-1 Sampled: 7/20/2017 13:25

Sample ID: 17G0867-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	98.4		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-2A Sampled: 7/20/2017 13:26

Sample ID: 17G0867-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1260 [2]	0.78	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.9	30-150		7/31/17 23:39
Decachlorobiphenyl [2]	104	30-150		7/31/17 23:39
Tetrachloro-m-xylene [1]	84.9	30-150		7/31/17 23:39
Tetrachloro-m-xylene [2]	91.4	30-150		7/31/17 23:39

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-2A Sampled: 7/20/2017 13:26

Sample ID: 17G0867-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.7		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-2B Sampled: 7/20/2017 13:27

Sample ID: 17G0867-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	50	10	mg/Kg dry	1		CTDEP ETPH	7/27/17	8/2/17 23:54	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	103	50-150		8/2/17 23:54

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-2B Sampled: 7/20/2017 13:27

Sample ID: 17G0867-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	98.2		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-3 Sampled: 7/20/2017 13:28

Sample ID: 17G0867-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1260 [2]	0.95	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	7/31/17 23:57	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.1	30-150		7/31/17 23:57
Decachlorobiphenyl [2]	103	30-150		7/31/17 23:57
Tetrachloro-m-xylene [1]	86.0	30-150		7/31/17 23:57
Tetrachloro-m-xylene [2]	90.9	30-150		7/31/17 23:57

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-3 Sampled: 7/20/2017 13:28

Sample ID: 17G0867-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-4 Sampled: 7/20/2017 13:29

Sample ID: 17G0867-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1260 [2]	0.22	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:15	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		8/1/17 0:15
Decachlorobiphenyl [2]	121	30-150		8/1/17 0:15
Tetrachloro-m-xylene [1]	102	30-150		8/1/17 0:15
Tetrachloro-m-xylene [2]	108	30-150		8/1/17 0:15

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-88-4 Sampled: 7/20/2017 13:29

Sample ID: 17G0867-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.5		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-1 Sampled: 7/20/2017 13:30

Sample ID: 17G0867-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1260 [2]	0.70	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:33	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		8/1/17 0:33
Decachlorobiphenyl [2]	114	30-150		8/1/17 0:33
Tetrachloro-m-xylene [1]	91.2	30-150		8/1/17 0:33
Tetrachloro-m-xylene [2]	97.8	30-150		8/1/17 0:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-1 Sampled: 7/20/2017 13:30

Sample ID: 17G0867-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	98.3		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-2A Sampled: 7/20/2017 13:31

Sample ID: 17G0867-09

Sample Matrix: Water

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1260 [2]	0.73	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 0:51	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.4	30-150		8/1/17 0:51
Decachlorobiphenyl [2]	105	30-150		8/1/17 0:51
Tetrachloro-m-xylene [1]	87.4	30-150		8/1/17 0:51
Tetrachloro-m-xylene [2]	92.3	30-150		8/1/17 0:51

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-2A Sampled: 7/20/2017 13:31

Sample ID: 17G0867-09

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-2B Sampled: 7/20/2017 13:32

Sample ID: 17G0867-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Benzo(a)anthracene	0.24	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Benzo(a)pyrene	0.26	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Benzo(b)fluoranthene	0.42	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Chrysene	0.37	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Fluoranthene	0.44	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Phenanthrene	0.37	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL
Pyrene	0.38	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:28	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	55.6	30-130		7/31/17 18:28
2-Fluorobiphenyl	54.3	30-130		7/31/17 18:28
p-Terphenyl-d14	52.7	30-130		7/31/17 18:28

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-2B Sampled: 7/20/2017 13:32

Sample ID: 17G0867-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.1		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-3 Sampled: 7/20/2017 13:33

Sample ID: 17G0867-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 1:58	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.9	30-150		8/1/17 1:58
Decachlorobiphenyl [2]	122	30-150		8/1/17 1:58
Tetrachloro-m-xylene [1]	87.6	30-150		8/1/17 1:58
Tetrachloro-m-xylene [2]	92.5	30-150		8/1/17 1:58

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-3 Sampled: 7/20/2017 13:33

Sample ID: 17G0867-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.4		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-4 Sampled: 7/20/2017 13:34

Sample ID: 17G0867-12

Sample Matrix: Water

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1254 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1260 [2]	5.7	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	7/27/17	8/1/17 8:06	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/1/17 8:06
Decachlorobiphenyl [2]	*	30-150	S-01	8/1/17 8:06
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/1/17 8:06
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/1/17 8:06

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-98-4 Sampled: 7/20/2017 13:34

Sample ID: 17G0867-12

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.6		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-1 Sampled: 7/20/2017 13:57

Sample ID: 17G0867-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:35	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		8/1/17 2:35
Decachlorobiphenyl [2]	112	30-150		8/1/17 2:35
Tetrachloro-m-xylene [1]	99.0	30-150		8/1/17 2:35
Tetrachloro-m-xylene [2]	104	30-150		8/1/17 2:35

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-1 Sampled: 7/20/2017 13:57

Sample ID: 17G0867-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	99.5		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-2A Sampled: 7/20/2017 13:59

Sample ID: 17G0867-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1260 [2]	0.12	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 2:53	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		8/1/17 2:53
Decachlorobiphenyl [2]	114	30-150		8/1/17 2:53
Tetrachloro-m-xylene [1]	95.3	30-150		8/1/17 2:53
Tetrachloro-m-xylene [2]	100	30-150		8/1/17 2:53

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-2A Sampled: 7/20/2017 13:59

Sample ID: 17G0867-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.6		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-2B Sampled: 7/20/2017 14:01

Sample ID: 17G0867-15

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Benzo(a)anthracene	1.3	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Benzo(a)pyrene	1.5	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Benzo(b)fluoranthene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Benzo(g,h,i)perylene	0.87	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Benzo(k)fluoranthene	0.76	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Chrysene	1.2	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Fluoranthene	3.0	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Indeno(1,2,3-cd)pyrene	0.89	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Phenanthrene	0.49	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL
Pyrene	2.3	0.19	mg/Kg dry	1		SW-846 8270D	7/27/17	7/31/17 18:55	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	53.8	30-130		7/31/17 18:55
2-Fluorobiphenyl	56.4	30-130		7/31/17 18:55
p-Terphenyl-d14	56.3	30-130		7/31/17 18:55

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-2B Sampled: 7/20/2017 14:01

Sample ID: 17G0867-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-3 Sampled: 7/20/2017 14:03

Sample ID: 17G0867-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:11	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		8/1/17 3:11
Decachlorobiphenyl [2]	116	30-150		8/1/17 3:11
Tetrachloro-m-xylene [1]	95.1	30-150		8/1/17 3:11
Tetrachloro-m-xylene [2]	101	30-150		8/1/17 3:11

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-3 Sampled: 7/20/2017 14:03

Sample ID: 17G0867-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-4 Sampled: 7/20/2017 14:05

Sample ID: 17G0867-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:29	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		8/1/17 3:29
Decachlorobiphenyl [2]	119	30-150		8/1/17 3:29
Tetrachloro-m-xylene [1]	98.4	30-150		8/1/17 3:29
Tetrachloro-m-xylene [2]	103	30-150		8/1/17 3:29

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-97-4 Sampled: 7/20/2017 14:05

Sample ID: 17G0867-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.5		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-89-1 Sampled: 7/20/2017 13:50

Sample ID: 17G0867-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1260 [2]	0.40	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 3:48	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.8	30-150		8/1/17 3:48
Decachlorobiphenyl [2]	103	30-150		8/1/17 3:48
Tetrachloro-m-xylene [1]	86.3	30-150		8/1/17 3:48
Tetrachloro-m-xylene [2]	90.9	30-150		8/1/17 3:48

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-89-1 Sampled: 7/20/2017 13:50

Sample ID: 17G0867-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.7		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-89-2 Sampled: 7/20/2017 13:51

Sample ID: 17G0867-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1260 [2]	0.70	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:06	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		8/1/17 4:06
Decachlorobiphenyl [2]	115	30-150		8/1/17 4:06
Tetrachloro-m-xylene [1]	93.4	30-150		8/1/17 4:06
Tetrachloro-m-xylene [2]	99.5	30-150		8/1/17 4:06

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-89-2 Sampled: 7/20/2017 13:51

Sample ID: 17G0867-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-89-3 Sampled: 7/20/2017 13:52

Sample ID: 17G0867-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/27/17	8/1/17 4:23	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	113	30-150		8/1/17 4:23
Decachlorobiphenyl [2]	129	30-150		8/1/17 4:23
Tetrachloro-m-xylene [1]	108	30-150		8/1/17 4:23
Tetrachloro-m-xylene [2]	113	30-150		8/1/17 4:23

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G0867

Date Received: 7/20/2017

Field Sample #: WS-AOC12W-SO-89-3 Sampled: 7/20/2017 13:52

Sample ID: 17G0867-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.1		% Wt	1		SM 2540G	7/27/17	7/28/17 10:26	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0867-05 [WS-AOC12W-SO-88-2B]	B182711	30.0	1.00	07/27/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G0867-01 [WS-AOC12W-SO-48-2]	B182677	07/27/17
17G0867-02 [WS-AOC12W-SO-48-3]	B182677	07/27/17
17G0867-03 [WS-AOC12W-SO-88-1]	B182677	07/27/17
17G0867-04 [WS-AOC12W-SO-88-2A]	B182677	07/27/17
17G0867-05 [WS-AOC12W-SO-88-2B]	B182677	07/27/17
17G0867-06 [WS-AOC12W-SO-88-3]	B182677	07/27/17
17G0867-07 [WS-AOC12W-SO-88-4]	B182677	07/27/17
17G0867-08 [WS-AOC12W-SO-98-1]	B182677	07/27/17
17G0867-09 [WS-AOC12W-SO-98-2A]	B182677	07/27/17
17G0867-10 [WS-AOC12W-SO-98-2B]	B182677	07/27/17
17G0867-11 [WS-AOC12W-SO-98-3]	B182677	07/27/17
17G0867-12 [WS-AOC12W-SO-98-4]	B182677	07/27/17
17G0867-13 [WS-AOC12W-SO-97-1]	B182677	07/27/17
17G0867-14 [WS-AOC12W-SO-97-2A]	B182677	07/27/17
17G0867-15 [WS-AOC12W-SO-97-2B]	B182677	07/27/17
17G0867-16 [WS-AOC12W-SO-97-3]	B182677	07/27/17
17G0867-17 [WS-AOC12W-SO-97-4]	B182677	07/27/17
17G0867-18 [WS-AOC12W-SO-89-1]	B182677	07/27/17
17G0867-19 [WS-AOC12W-SO-89-2]	B182677	07/27/17
17G0867-20 [WS-AOC12W-SO-89-3]	B182677	07/27/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0867-01 [WS-AOC12W-SO-48-2]	B182736	10.0	10.0	07/27/17
17G0867-02 [WS-AOC12W-SO-48-3]	B182736	10.0	10.0	07/27/17
17G0867-03 [WS-AOC12W-SO-88-1]	B182736	10.0	10.0	07/27/17
17G0867-04 [WS-AOC12W-SO-88-2A]	B182736	10.0	10.0	07/27/17
17G0867-06 [WS-AOC12W-SO-88-3]	B182736	10.0	10.0	07/27/17
17G0867-07 [WS-AOC12W-SO-88-4]	B182736	10.0	10.0	07/27/17
17G0867-08 [WS-AOC12W-SO-98-1]	B182736	10.0	10.0	07/27/17
17G0867-09 [WS-AOC12W-SO-98-2A]	B182736	10.0	10.0	07/27/17
17G0867-11 [WS-AOC12W-SO-98-3]	B182736	10.0	10.0	07/27/17
17G0867-12 [WS-AOC12W-SO-98-4]	B182736	10.0	10.0	07/27/17
17G0867-13 [WS-AOC12W-SO-97-1]	B182736	10.0	10.0	07/27/17
17G0867-14 [WS-AOC12W-SO-97-2A]	B182736	10.0	10.0	07/27/17
17G0867-16 [WS-AOC12W-SO-97-3]	B182736	10.0	10.0	07/27/17
17G0867-17 [WS-AOC12W-SO-97-4]	B182736	10.0	10.0	07/27/17
17G0867-18 [WS-AOC12W-SO-89-1]	B182736	10.0	10.0	07/27/17
17G0867-19 [WS-AOC12W-SO-89-2]	B182736	10.0	10.0	07/27/17
17G0867-20 [WS-AOC12W-SO-89-3]	B182736	10.0	10.0	07/27/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0867-10 [WS-AOC12W-SO-98-2B]	B182710	30.0	1.00	07/27/17

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0867-15 [WS-AOC12W-SO-97-2B]	B182710	30.0	1.00	07/27/17

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182710 - SW-846 3546										
Blank (B182710-BLK1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.49*		mg/Kg wet	3.33		74.7	30-130			
Surrogate: 2-Fluorobiphenyl	*2.57*		mg/Kg wet	3.33		77.0	30-130			
Surrogate: p-Terphenyl-d14	*2.81*		mg/Kg wet	3.33		84.2	30-130			
LCS (B182710-BS1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Acenaphthene	1.03	0.17	mg/Kg wet	1.67		61.8	40-140			
Acenaphthylene	0.983	0.17	mg/Kg wet	1.67		59.0	40-140			
Anthracene	1.05	0.17	mg/Kg wet	1.67		62.9	40-140			
Benzo(a)anthracene	0.959	0.17	mg/Kg wet	1.67		57.5	40-140			
Benzo(a)pyrene	1.12	0.17	mg/Kg wet	1.67		67.3	40-140			
Benzo(b)fluoranthene	0.963	0.17	mg/Kg wet	1.67		57.8	40-140			
Benzo(g,h,i)perylene	1.08	0.17	mg/Kg wet	1.67		64.9	40-140			
Benzo(k)fluoranthene	1.07	0.17	mg/Kg wet	1.67		64.0	40-140			
Chrysene	0.920	0.17	mg/Kg wet	1.67		55.2	40-140			
Dibenz(a,h)anthracene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140			
Fluoranthene	1.03	0.17	mg/Kg wet	1.67		61.5	40-140			
Fluorene	1.02	0.17	mg/Kg wet	1.67		61.0	40-140			
Indeno(1,2,3-cd)pyrene	1.06	0.17	mg/Kg wet	1.67		63.7	40-140			
2-Methylnaphthalene	1.01	0.17	mg/Kg wet	1.67		60.4	40-140			
Naphthalene	0.941	0.17	mg/Kg wet	1.67		56.5	40-140			
Phenanthrene	1.03	0.17	mg/Kg wet	1.67		62.0	40-140			
Pyrene	1.01	0.17	mg/Kg wet	1.67		60.4	40-140			
Surrogate: Nitrobenzene-d5	*2.14*		mg/Kg wet	3.33		64.1	30-130			
Surrogate: 2-Fluorobiphenyl	*2.17*		mg/Kg wet	3.33		65.2	30-130			
Surrogate: p-Terphenyl-d14	*2.12*		mg/Kg wet	3.33		63.6	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182710 - SW-846 3546										
LCS Dup (B182710-BSD1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Acenaphthene	1.06	0.17	mg/Kg wet	1.67		63.3	40-140	2.36	30	
Acenaphthylene	1.04	0.17	mg/Kg wet	1.67		62.5	40-140	5.70	30	
Anthracene	1.08	0.17	mg/Kg wet	1.67		64.9	40-140	3.22	30	
Benzo(a)anthracene	1.02	0.17	mg/Kg wet	1.67		61.2	40-140	6.17	30	
Benzo(a)pyrene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140	5.63	30	
Benzo(b)fluoranthene	1.06	0.17	mg/Kg wet	1.67		63.3	40-140	9.15	30	
Benzo(g,h,i)perylene	1.16	0.17	mg/Kg wet	1.67		69.5	40-140	6.78	30	
Benzo(k)fluoranthene	1.17	0.17	mg/Kg wet	1.67		69.9	40-140	8.78	30	
Chrysene	0.990	0.17	mg/Kg wet	1.67		59.4	40-140	7.30	30	
Dibenz(a,h)anthracene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140	6.70	30	
Fluoranthene	1.08	0.17	mg/Kg wet	1.67		64.6	40-140	4.88	30	
Fluorene	1.08	0.17	mg/Kg wet	1.67		64.9	40-140	6.16	30	
Indeno(1,2,3-cd)pyrene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140	11.1	30	
2-Methylnaphthalene	1.14	0.17	mg/Kg wet	1.67		68.7	40-140	12.8	30	
Naphthalene	1.05	0.17	mg/Kg wet	1.67		62.8	40-140	10.5	30	
Phenanthrene	1.10	0.17	mg/Kg wet	1.67		66.3	40-140	6.70	30	
Pyrene	1.10	0.17	mg/Kg wet	1.67		66.1	40-140	9.04	30	
Surrogate: Nitrobenzene-d5	*2.44*		mg/Kg wet	3.33		73.3	30-130			
Surrogate: 2-Fluorobiphenyl	*2.29*		mg/Kg wet	3.33		68.6	30-130			
Surrogate: p-Terphenyl-d14	*2.32*		mg/Kg wet	3.33		69.6	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182736 - SW-846 3540C										
Blank (B182736-BLK1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.217*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.194*		mg/Kg wet	0.200		97.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.200		98.2	30-150			
LCS (B182736-BS1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		84.4	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		93.2	40-140			
Aroclor-1260	0.15	0.020	mg/Kg wet	0.200		76.6	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		84.7	40-140			
Surrogate: Decachlorobiphenyl	*0.196*		mg/Kg wet	0.200		98.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.186*		mg/Kg wet	0.200		93.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg wet	0.200		93.0	30-150			
LCS Dup (B182736-BSD1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		82.1	40-140	2.76	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		90.1	40-140	3.42	30	
Aroclor-1260	0.15	0.020	mg/Kg wet	0.200		73.7	40-140	3.89	30	
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		81.2	40-140	4.13	30	
Surrogate: Decachlorobiphenyl	*0.189*		mg/Kg wet	0.200		94.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.198*		mg/Kg wet	0.200		99.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.181*		mg/Kg wet	0.200		90.5	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182736 - SW-846 3540C										
Matrix Spike (B182736-MS1)		**Source: 17G0867-01**		Prepared: 07/27/17 Analyzed: 08/01/17						
Aroclor-1016	0.22	0.11	mg/Kg dry	0.220	ND	101	40-140			
Aroclor-1016 [2C]	0.24	0.11	mg/Kg dry	0.220	ND	109	40-140			
Aroclor-1260	0.19	0.11	mg/Kg dry	0.220	ND	86.1	40-140			
Aroclor-1260 [2C]	0.22	0.11	mg/Kg dry	0.220	ND	101	40-140			
Surrogate: Decachlorobiphenyl	*0.223*		mg/Kg dry	0.220		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.242*		mg/Kg dry	0.220		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.204*		mg/Kg dry	0.220		92.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.216*		mg/Kg dry	0.220		98.1	30-150			
Matrix Spike Dup (B182736-MSD1)		**Source: 17G0867-01**		Prepared: 07/27/17 Analyzed: 08/01/17						
Aroclor-1016	0.22	0.11	mg/Kg dry	0.220	ND	98.2	40-140	2.54	50	
Aroclor-1016 [2C]	0.25	0.11	mg/Kg dry	0.220	ND	112	40-140	2.18	50	
Aroclor-1260	0.19	0.11	mg/Kg dry	0.220	ND	87.7	40-140	1.84	50	
Aroclor-1260 [2C]	0.22	0.11	mg/Kg dry	0.220	ND	102	40-140	1.51	50	
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg dry	0.220		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.244*		mg/Kg dry	0.220		111	30-150			
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg dry	0.220		90.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg dry	0.220		97.2	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182711 - SW-846 3546										
Blank (B182711-BLK1)				Prepared: 07/27/17 Analyzed: 08/01/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.13*		mg/Kg wet	3.33		93.9	50-150			
LCS (B182711-BS1)				Prepared: 07/27/17 Analyzed: 08/01/17						
CT ETPH	29.4	10	mg/Kg wet	33.3		88.2	60-120			
Surrogate: o-Terphenyl	*2.65*		mg/Kg wet	3.33		79.5	50-150			
LCS Dup (B182711-BSD1)				Prepared: 07/27/17 Analyzed: 08/01/17						
CT ETPH	28.3	10	mg/Kg wet	33.3		85.0	60-120	3.69	30	
Surrogate: o-Terphenyl	*2.56*		mg/Kg wet	3.33		76.9	50-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182677 - % Solids										
Duplicate (B182677-DUP5)		**Source: 17G0867-10**		Prepared: 07/27/17 Analyzed: 07/28/17						
% Solids	90.1		% Wt		90.1			0.00	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-88-1

Lab Sample ID: 17G0867-03

Date(s) Analyzed 07/31/2017 07/31/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.22	20.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-88-2A

Lab Sample ID: 17G0867-04

Date(s) Analyzed 07/31/2017 07/31/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.71	
	2	0.000	-0.030	0.030	0.78	9.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-88-3

Lab Sample ID: 17G0867-06

Date(s) Analyzed 07/31/2017 07/31/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.86	
	2	0.000	-0.030	0.030	0.95	9.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-88-4

Lab Sample ID: 17G0867-07

Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.22	14.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-87-1

Lab Sample ID: 17G0867-08

Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.62	
	2	0.000	-0.030	0.030	0.70	12.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-87-2A

Lab Sample ID: 17G0867-09

Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.63	
	2	0.000	-0.030	0.030	0.73	13.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-87-4

Lab Sample ID: 17G0867-12 Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.0	
	2	0.000	-0.030	0.030	5.7	13.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-89-1

Lab Sample ID: 17G0867-18

Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.35	
	2	0.000	-0.030	0.030	0.40	13.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-89-2

Lab Sample ID: 17G0867-19 Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.61	
	2	0.000	-0.030	0.030	0.70	13.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B182736-BS1

Date(s) Analyzed 07/31/2017 07/31/2017

Instrument ID (1): ECD1

Instrument ID (2): ECD1

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.19	11.1
Aroclor-1260	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.17	12.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B182736-BSD1 Date(s) Analyzed 07/31/2017 07/31/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.18	11.8
Aroclor-1260	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.16	6.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B182736-MS1 Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.22	
	2	0.000	-0.030	0.030	0.24	8.7
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.22	14.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B182736-MSD1 Date(s) Analyzed 08/01/2017 08/01/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.22	
	2	0.000	-0.030	0.030	0.25	12.8
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.22	14.6

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

1760867

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Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	SPLP PCBs	PAHs	ETPH	SPLP ETPH	Arsenic
1	WS-AOC12W-SO-48-2	7/20/17	10:32		X	S	U	X					
2	WS-AOC12W-SO-48-3		10:34					X					
3	WS-AOC12W-SO-88-1		13:25					X					
4	WS-AOC12W-SO-88-2A		13:26					X					
5	WS-AOC12W-SO-88-2B		13:27								X		
6	WS-AOC12W-SO-88-3		13:28					X					
7	WS-AOC12W-SO-88-4		13:29					X					
8	WS-AOC12W-SO-87-1		13:30					X					
9	WS-AOC12W-SO-87-2A		13:31					X					
10	WS-AOC12W-SO-87-2B		13:32							X			

# of Containers
[2] Preservation Code
[3] Container Code

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 7/20/17 1535
Received by: (signature)	Date/Time: 7/20/17 1535
Relinquished by: (signature)	Date/Time: 7-20-17 6:30
Received by: (signature) 4.5	Date/Time: 7/20/17 1830
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	SPLP PCBs	PAHs	ETPH	SPLP ETPH	Arsenic	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC12W-SO-87-3	7/20/17	13:33		X	S	U	X								
12	WS-AOC12W-SO-87-4	↓	13:34		↓	↓	↓	X								
13	WS-AOC12W-SO-97-1		13:57					X								
14	WS-AOC12W-SO-97-2A		13:59					X								
15	WS-AOC12W-SO-97-2B		14:01							X						
16	WS-AOC12W-SO-97-3		14:03					X								
17	WS-AOC12W-SO-97-4		14:05					X								
18	WS-AOC12W-SO-89-1		13:50					X								
19	WS-AOC12W-SO-89-2		13:51					X								
20	WS-AOC12W-SO-89-3	↓	13:52		↓	↓	↓	X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

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N = Nitric Acid
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B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 7/20/17 1535
Received by: (signature)	Date/Time: 7/20/17 1535
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Received by: (signature)	Date/Time: 7/20/17 1830
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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F: 413-525-6405
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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By SM Date 7/20/17 Time 1830

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 4.5, 3.4, 3.2
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	20
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

From:	Schiavone, Timothy
To:	Jim Georgantas
Cc:	McGrath, Loren; Spencer, Joseph; Sirotnak, William
Subject:	English station Work Order #17G0867
Date:	Thursday, July 27, 2017 5:09:15 PM
Attachments:	image001.png

Jim,

On work order #17G0867 we listed sample IDs: WS-AOC12W-87-1, WS-AOC12W-87-2a, WS-AOC12W-87-2b, WS-AOC12W-87-3, WS-AOC12W-87-4. These IDs were already used on the project. Could you please change the sample names to the following:

- WS-AOC12W-87-1 : WS-AOC12W-98-1
- WS-AOC12W-87-2a: WS-AOC12W-98-2a
- WS-AOC12W-87-2b: WS-AOC12W-98-2b
- WS-AOC12W-87-3: WS-AOC12W-98-3
- WS-AOC12W-87-4: WS-AOC12W-98-4

Thanks!

Tim Schiavone
ENVIRONMENTAL SCIENTIST II
427 Main Street, Suite 400
Worcester, MA 01680
www.westonandsampson.com
Office: 508-762-1676 x3004
Direct: 978-587-4006

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D:\HPCHEM\1\DATA\A080217\A0802052.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/2/17
Data File Name	A0802052.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	389057	424164	-8
c - 10	1.43	379037	424164	-11
c - 12	2.16	405194	424164	-4
c - 14	2.84	416545	424164	-2
c - 16	3.44	430703	424164	2
c - 18	4.02	429130	424164	1
o-Terphenyl	4.31	496417	424164	
c - 20	4.63	438816	424164	3
c - 22	5.15	447046	424164	5
c - 24	5.60	417947	424164	-1
c - 26	6.00	445598	424164	5
c - 28	6.36	441275	424164	4
c - 30	6.69	439402	424164	4
c - 32	7.00	429465	424164	1
c - 34	7.30	427962	424164	1
c - 36	7.58	425281	424164	0

* One compound allowed %D <= 50%

Samples

17G0912-08
17G0932-01
17G0932-02
17G0932-05
17G0911-14
17G0911-15
17G0932-03

D:\HPCHEM\1\DATA\A080217\A0802086.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/2/17
Data File Name	A0802086.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	384056	421351	-9
c - 10	1.43	374286	421351	-11
c - 12	2.17	396009	421351	-6
c - 14	2.84	413660	421351	-2
c - 16	3.44	426881	421351	1
c - 18	4.02	425337	421351	1
o-Terphenyl	4.31	491103	421351	
c - 20	4.63	435935	421351	3
c - 22	5.15	444516	421351	5
c - 24	5.60	418309	421351	-1
c - 26	6.00	444009	421351	5
c - 28	6.36	440050	421351	4
c - 30	6.69	439368	421351	4
c - 32	7.00	428360	421351	2
c - 34	7.30	426707	421351	1
c - 36	7.58	422783	421351	0

* One compound allowed %D <= 50%

Samples

17G1043-01
17G1043-02
17G1043-03
17G1077-07
17G0774-12@10X
17G0774-18@10X
17G0776-17@20X
17G0867-05
17G0774-18
17G0911-15@5X
17G0911-20@5X
17G0911-13@5X
17G0911-17@5X

D:\HPCHEM\1\DATA\A080217\A0802142.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/3/17
Data File Name	A0802142.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	452530	495049	-9
c - 10	1.42	444292	495049	-10
c - 12	2.16	467152	495049	-6
c - 14	2.83	487205	495049	-2
c - 16	3.43	501083	495049	1
c - 18	4.02	498005	495049	1
o-Terphenyl	4.30	578868	495049	
c - 20	4.63	510389	495049	3
c - 22	5.15	520281	495049	5
c - 24	5.60	489573	495049	-1
c - 26	5.99	520841	495049	5
c - 28	6.36	515925	495049	4
c - 30	6.69	514552	495049	4
c - 32	7.00	503320	495049	2
c - 34	7.29	502383	495049	1
c - 36	7.58	498204	495049	1

* One compound allowed %D <= 50%

Samples

17G1045-01
17G1045-03
17G1045-04

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17G0867

Laboratory Sample ID(s):

17G0867-01 thru 17G0867-20

Sample Date(s):

07/20/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 8082A, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/03/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

From:	Patel, Akanksha
To:	Jim Georgantas
Cc:	Beeler, Malcolm; Schiavone, Timothy; McGrath, Loren
Subject:	English Station: Sample Location Change
Date:	Wednesday, September 06, 2017 3:02:59 PM
Attachments:	image001.png

Hey Jim!

We noticed we have two sets of samples of 87. The one that is dated 7/20/17 is actually supposed to be 98. Can you please change the 87 to 98 on both the pdf and CTRSR on work order 17G0867.

Thanks so much!

Akanksha Patel
Engineering Assistant
patelA@wseinc.com
Office: 860-513-1473 ext. 3071
Direct: 860-956-6945

Weston & Sampson
273 Dividend Road | Rocky Hill, CT 06067
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August 31, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17G1169

Enclosed are results of analyses for samples received by the laboratory on July 26, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/31/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1169

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC12E-SO-18-1	17G1169-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-18-2	17G1169-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-18-3	17G1169-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-6-1A	17G1169-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-6-1B	17G1169-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC12E-SO-6-2	17G1169-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-6-3	17G1169-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-13-1A	17G1169-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-13-1B	17G1169-09	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC12E-SO-13-2	17G1169-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-13-3	17G1169-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-9-1	17G1169-12	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-9-2	17G1169-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12E-SO-9-3	17G1169-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-50-1	17G1169-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-50-2A	17G1169-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-50-2B	17G1169-17	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 8270D	
WS-AOC12W-SO-50-3	17G1169-18	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-50-4	17G1169-19	Soil		SM 2540G	
				SW-846 8082A	

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Weston & Sampson
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Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/31/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1169

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC12W-SO-96-4	17G1169-20	Soil		SM 2540G SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6010, only As was requested and reported.

For method 8270, only PAHs were requested and reported.

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-18-1 Sampled: 7/25/2017 15:16

Sample ID: 17G1169-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:26	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.6	30-150		8/4/17 18:26
Decachlorobiphenyl [2]	95.8	30-150		8/4/17 18:26
Tetrachloro-m-xylene [1]	91.1	30-150		8/4/17 18:26
Tetrachloro-m-xylene [2]	95.2	30-150		8/4/17 18:26

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-18-1 Sampled: 7/25/2017 15:16

Sample ID: 17G1169-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-18-2 Sampled: 7/25/2017 15:17

Sample ID: 17G1169-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:38	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.7	30-150		8/4/17 18:38
Decachlorobiphenyl [2]	83.9	30-150		8/4/17 18:38
Tetrachloro-m-xylene [1]	81.5	30-150		8/4/17 18:38
Tetrachloro-m-xylene [2]	85.3	30-150		8/4/17 18:38

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-18-2 Sampled: 7/25/2017 15:17

Sample ID: 17G1169-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.6		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-18-3 Sampled: 7/25/2017 15:18

Sample ID: 17G1169-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 18:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.1	30-150		8/4/17 18:50
Decachlorobiphenyl [2]	88.3	30-150		8/4/17 18:50
Tetrachloro-m-xylene [1]	93.6	30-150		8/4/17 18:50
Tetrachloro-m-xylene [2]	97.5	30-150		8/4/17 18:50

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-18-3 Sampled: 7/25/2017 15:18

Sample ID: 17G1169-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.9		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-1A Sampled: 7/25/2017 15:10

Sample ID: 17G1169-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:03	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.6	30-150		8/4/17 19:03
Decachlorobiphenyl [2]	99.0	30-150		8/4/17 19:03
Tetrachloro-m-xylene [1]	88.4	30-150		8/4/17 19:03
Tetrachloro-m-xylene [2]	91.7	30-150		8/4/17 19:03

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-1A Sampled: 7/25/2017 15:10

Sample ID: 17G1169-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.6		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-1B Sampled: 7/25/2017 15:12

Sample ID: 17G1169-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Benzo(a)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Benzo(b)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Chrysene	0.31	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Fluoranthene	0.21	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Phenanthrene	0.28	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL
Pyrene	1.2	0.21	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 18:44	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	54.0	30-130		8/4/17 18:44
2-Fluorobiphenyl	62.8	30-130		8/4/17 18:44
p-Terphenyl-d14	82.1	30-130		8/4/17 18:44

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-1B Sampled: 7/25/2017 15:12

Sample ID: 17G1169-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	240	62	mg/Kg dry	5		CTDEP ETPH	8/3/17	8/7/17 13:08	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	55.6	50-150		8/7/17 13:08

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-1B Sampled: 7/25/2017 15:12

Sample ID: 17G1169-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.0		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-2 Sampled: 7/25/2017 15:14

Sample ID: 17G1169-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.6	30-150		8/4/17 19:15
Decachlorobiphenyl [2]	91.2	30-150		8/4/17 19:15
Tetrachloro-m-xylene [1]	83.5	30-150		8/4/17 19:15
Tetrachloro-m-xylene [2]	87.5	30-150		8/4/17 19:15

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-2 Sampled: 7/25/2017 15:14

Sample ID: 17G1169-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-3 Sampled: 7/25/2017 15:16

Sample ID: 17G1169-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.2	30-150		8/4/17 19:27
Decachlorobiphenyl [2]	95.0	30-150		8/4/17 19:27
Tetrachloro-m-xylene [1]	82.3	30-150		8/4/17 19:27
Tetrachloro-m-xylene [2]	85.7	30-150		8/4/17 19:27

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-6-3 Sampled: 7/25/2017 15:16

Sample ID: 17G1169-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.8		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-1A Sampled: 7/25/2017 15:34

Sample ID: 17G1169-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 19:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	113	30-150		8/4/17 19:39
Decachlorobiphenyl [2]	109	30-150		8/4/17 19:39
Tetrachloro-m-xylene [1]	101	30-150		8/4/17 19:39
Tetrachloro-m-xylene [2]	104	30-150		8/4/17 19:39

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-1A Sampled: 7/25/2017 15:34

Sample ID: 17G1169-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-1B Sampled: 7/25/2017 15:35

Sample ID: 17G1169-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	67	57	mg/Kg dry	5		CTDEP ETPH	8/3/17	8/4/17 22:32	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	52.0	50-150		8/4/17 22:32

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-1B Sampled: 7/25/2017 15:35

Sample ID: 17G1169-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-2 Sampled: 7/25/2017 15:36

Sample ID: 17G1169-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:28	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		8/4/17 20:28
Decachlorobiphenyl [2]	100	30-150		8/4/17 20:28
Tetrachloro-m-xylene [1]	77.7	30-150		8/4/17 20:28
Tetrachloro-m-xylene [2]	83.3	30-150		8/4/17 20:28

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-2 Sampled: 7/25/2017 15:36

Sample ID: 17G1169-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-3 Sampled: 7/25/2017 15:37

Sample ID: 17G1169-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		8/4/17 20:40
Decachlorobiphenyl [2]	99.9	30-150		8/4/17 20:40
Tetrachloro-m-xylene [1]	73.6	30-150		8/4/17 20:40
Tetrachloro-m-xylene [2]	78.2	30-150		8/4/17 20:40

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-13-3 Sampled: 7/25/2017 15:37

Sample ID: 17G1169-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.4		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-9-1 Sampled: 7/25/2017 15:50

Sample ID: 17G1169-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 20:53	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	114	30-150		8/4/17 20:53
Decachlorobiphenyl [2]	113	30-150		8/4/17 20:53
Tetrachloro-m-xylene [1]	101	30-150		8/4/17 20:53
Tetrachloro-m-xylene [2]	106	30-150		8/4/17 20:53

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-9-1 Sampled: 7/25/2017 15:50

Sample ID: 17G1169-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.6		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-9-2 Sampled: 7/25/2017 15:52

Sample ID: 17G1169-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:05	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		8/4/17 21:05
Decachlorobiphenyl [2]	101	30-150		8/4/17 21:05
Tetrachloro-m-xylene [1]	107	30-150		8/4/17 21:05
Tetrachloro-m-xylene [2]	111	30-150		8/4/17 21:05

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-9-2 Sampled: 7/25/2017 15:52

Sample ID: 17G1169-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-9-3 Sampled: 7/25/2017 15:54

Sample ID: 17G1169-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:17	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		8/4/17 21:17
Decachlorobiphenyl [2]	102	30-150		8/4/17 21:17
Tetrachloro-m-xylene [1]	90.3	30-150		8/4/17 21:17
Tetrachloro-m-xylene [2]	92.9	30-150		8/4/17 21:17

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12E-SO-9-3 Sampled: 7/25/2017 15:54

Sample ID: 17G1169-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.3		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-1 Sampled: 7/26/2017 09:05

Sample ID: 17G1169-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		8/4/17 21:29
Decachlorobiphenyl [2]	100	30-150		8/4/17 21:29
Tetrachloro-m-xylene [1]	84.6	30-150		8/4/17 21:29
Tetrachloro-m-xylene [2]	88.6	30-150		8/4/17 21:29

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-1 Sampled: 7/26/2017 09:05

Sample ID: 17G1169-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.1		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-2A Sampled: 7/26/2017 09:06

Sample ID: 17G1169-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.6	30-150		8/4/17 21:41
Decachlorobiphenyl [2]	69.4	30-150		8/4/17 21:41
Tetrachloro-m-xylene [1]	71.5	30-150		8/4/17 21:41
Tetrachloro-m-xylene [2]	75.4	30-150		8/4/17 21:41

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-2A Sampled: 7/26/2017 09:06

Sample ID: 17G1169-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.8		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-2B Sampled: 7/26/2017 09:07

Sample ID: 17G1169-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 14:46	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	50.4	30-130		8/5/17 14:46
2-Fluorobiphenyl	55.6	30-130		8/5/17 14:46
p-Terphenyl-d14	74.4	30-130		8/5/17 14:46

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-2B Sampled: 7/26/2017 09:07

Sample ID: 17G1169-17

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	18	10	mg/Kg dry	1		CTDEP ETPH	8/3/17	8/4/17 23:43	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	72.6	50-150		8/4/17 23:43

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-2B Sampled: 7/26/2017 09:07

Sample ID: 17G1169-17

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	7/27/17	7/31/17 14:55	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-2B Sampled: 7/26/2017 09:07

Sample ID: 17G1169-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.4		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-3 Sampled: 7/26/2017 09:08

Sample ID: 17G1169-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 21:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	121	30-150		8/4/17 21:54
Decachlorobiphenyl [2]	112	30-150		8/4/17 21:54
Tetrachloro-m-xylene [1]	96.4	30-150		8/4/17 21:54
Tetrachloro-m-xylene [2]	98.8	30-150		8/4/17 21:54

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-3 Sampled: 7/26/2017 09:08

Sample ID: 17G1169-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.8		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-4 Sampled: 7/26/2017 09:09

Sample ID: 17G1169-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:06	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		8/4/17 22:06
Decachlorobiphenyl [2]	103	30-150		8/4/17 22:06
Tetrachloro-m-xylene [1]	85.4	30-150		8/4/17 22:06
Tetrachloro-m-xylene [2]	87.8	30-150		8/4/17 22:06

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-50-4 Sampled: 7/26/2017 09:09

Sample ID: 17G1169-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.9		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-96-4 Sampled: 7/26/2017 09:20

Sample ID: 17G1169-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1260 [2]	0.17	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/4/17 22:18	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.8	30-150		8/4/17 22:18
Decachlorobiphenyl [2]	104	30-150		8/4/17 22:18
Tetrachloro-m-xylene [1]	88.2	30-150		8/4/17 22:18
Tetrachloro-m-xylene [2]	92.4	30-150		8/4/17 22:18

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1169

Date Received: 7/26/2017

Field Sample #: WS-AOC12W-SO-96-4 Sampled: 7/26/2017 09:20

Sample ID: 17G1169-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1		SM 2540G	7/31/17	8/1/17 8:48	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1169-05 [WS-AOC12E-SO-6-1B]	B183209	30.0	1.00	08/03/17
17G1169-09 [WS-AOC12E-SO-13-1B]	B183209	30.0	1.00	08/03/17
17G1169-17 [WS-AOC12W-SO-50-2B]	B183209	30.0	1.00	08/03/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G1169-01 [WS-AOC12E-SO-18-1]	B182889	07/31/17
17G1169-02 [WS-AOC12E-SO-18-2]	B182889	07/31/17
17G1169-03 [WS-AOC12E-SO-18-3]	B182889	07/31/17
17G1169-04 [WS-AOC12E-SO-6-1A]	B182889	07/31/17
17G1169-05 [WS-AOC12E-SO-6-1B]	B182889	07/31/17
17G1169-06 [WS-AOC12E-SO-6-2]	B182889	07/31/17
17G1169-07 [WS-AOC12E-SO-6-3]	B182889	07/31/17
17G1169-08 [WS-AOC12E-SO-13-1A]	B182889	07/31/17
17G1169-09 [WS-AOC12E-SO-13-1B]	B182889	07/31/17
17G1169-10 [WS-AOC12E-SO-13-2]	B182889	07/31/17
17G1169-11 [WS-AOC12E-SO-13-3]	B182889	07/31/17
17G1169-12 [WS-AOC12E-SO-9-1]	B182889	07/31/17
17G1169-13 [WS-AOC12E-SO-9-2]	B182889	07/31/17
17G1169-14 [WS-AOC12E-SO-9-3]	B182889	07/31/17
17G1169-15 [WS-AOC12W-SO-50-1]	B182889	07/31/17
17G1169-16 [WS-AOC12W-SO-50-2A]	B182889	07/31/17
17G1169-17 [WS-AOC12W-SO-50-2B]	B182889	07/31/17
17G1169-18 [WS-AOC12W-SO-50-3]	B182889	07/31/17
17G1169-19 [WS-AOC12W-SO-50-4]	B182889	07/31/17
17G1169-20 [WS-AOC12W-SO-96-4]	B182889	07/31/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1169-17 [WS-AOC12W-SO-50-2B]	B182729	1.01	50.0	07/27/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1169-01 [WS-AOC12E-SO-18-1]	B183245	10.0	10.0	08/03/17
17G1169-02 [WS-AOC12E-SO-18-2]	B183245	10.0	10.0	08/03/17
17G1169-03 [WS-AOC12E-SO-18-3]	B183245	10.0	10.0	08/03/17
17G1169-04 [WS-AOC12E-SO-6-1A]	B183245	10.0	10.0	08/03/17
17G1169-06 [WS-AOC12E-SO-6-2]	B183245	10.0	10.0	08/03/17
17G1169-07 [WS-AOC12E-SO-6-3]	B183245	10.0	10.0	08/03/17
17G1169-08 [WS-AOC12E-SO-13-1A]	B183245	10.0	10.0	08/03/17
17G1169-10 [WS-AOC12E-SO-13-2]	B183245	10.0	10.0	08/03/17
17G1169-11 [WS-AOC12E-SO-13-3]	B183245	10.0	10.0	08/03/17
17G1169-12 [WS-AOC12E-SO-9-1]	B183245	10.0	10.0	08/03/17
17G1169-13 [WS-AOC12E-SO-9-2]	B183245	10.0	10.0	08/03/17
17G1169-14 [WS-AOC12E-SO-9-3]	B183245	10.0	10.0	08/03/17
17G1169-15 [WS-AOC12W-SO-50-1]	B183245	10.0	10.0	08/03/17
17G1169-16 [WS-AOC12W-SO-50-2A]	B183245	10.0	10.0	08/03/17
17G1169-18 [WS-AOC12W-SO-50-3]	B183245	10.0	10.0	08/03/17

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1169-19 [WS-AOC12W-SO-50-4]	B183245	10.0	10.0	08/03/17
17G1169-20 [WS-AOC12W-SO-96-4]	B183245	10.0	10.0	08/03/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1169-05 [WS-AOC12E-SO-6-1B]	B183204	30.0	1.00	08/03/17
17G1169-17 [WS-AOC12W-SO-50-2B]	B183204	30.0	1.00	08/03/17

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
Blank (B183204-BLK1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.14*		mg/Kg wet	3.33		64.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.15*		mg/Kg wet	3.33		64.4	30-130			
Surrogate: p-Terphenyl-d14	*2.52*		mg/Kg wet	3.33		75.7	30-130			
LCS (B183204-BS1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140			
Acenaphthylene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140			
Anthracene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Benzo(a)anthracene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
Benzo(a)pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Benzo(b)fluoranthene	1.10	0.17	mg/Kg wet	1.67		66.2	40-140			
Benzo(g,h,i)perylene	0.934	0.17	mg/Kg wet	1.67		56.0	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140			
Chrysene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140			
Dibenz(a,h)anthracene	0.917	0.17	mg/Kg wet	1.67		55.0	40-140			
Fluoranthene	1.03	0.17	mg/Kg wet	1.67		62.0	40-140			
Fluorene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140			
Indeno(1,2,3-cd)pyrene	0.941	0.17	mg/Kg wet	1.67		56.5	40-140			
2-Methylnaphthalene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140			
Naphthalene	1.11	0.17	mg/Kg wet	1.67		66.6	40-140			
Phenanthrene	1.09	0.17	mg/Kg wet	1.67		65.4	40-140			
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Surrogate: Nitrobenzene-d5	*2.64*		mg/Kg wet	3.33		79.3	30-130			
Surrogate: 2-Fluorobiphenyl	*2.63*		mg/Kg wet	3.33		78.9	30-130			
Surrogate: p-Terphenyl-d14	*2.55*		mg/Kg wet	3.33		76.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
LCS Dup (B183204-BSD1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.00	0.17	mg/Kg wet	1.67		60.3	40-140	8.39	30	
Acenaphthylene	1.00	0.17	mg/Kg wet	1.67		60.1	40-140	10.1	30	
Anthracene	1.01	0.17	mg/Kg wet	1.67		60.9	40-140	6.27	30	
Benzo(a)anthracene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140	6.55	30	
Benzo(a)pyrene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140	4.07	30	
Benzo(b)fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6	40-140	5.53	30	
Benzo(g,h,i)perylene	0.891	0.17	mg/Kg wet	1.67		53.5	40-140	4.68	30	
Benzo(k)fluoranthene	1.06	0.17	mg/Kg wet	1.67		63.8	40-140	2.69	30	
Chrysene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	5.47	30	
Dibenz(a,h)anthracene	0.882	0.17	mg/Kg wet	1.67		52.9	40-140	3.89	30	
Fluoranthene	0.965	0.17	mg/Kg wet	1.67		57.9	40-140	6.90	30	
Fluorene	1.01	0.17	mg/Kg wet	1.67		60.8	40-140	11.1	30	
Indeno(1,2,3-cd)pyrene	0.869	0.17	mg/Kg wet	1.67		52.1	40-140	7.96	30	
2-Methylnaphthalene	1.04	0.17	mg/Kg wet	1.67		62.7	40-140	13.3	30	
Naphthalene	0.964	0.17	mg/Kg wet	1.67		57.8	40-140	14.1	30	
Phenanthrene	1.01	0.17	mg/Kg wet	1.67		60.7	40-140	7.46	30	
Pyrene	1.07	0.17	mg/Kg wet	1.67		64.0	40-140	6.35	30	
Surrogate: Nitrobenzene-d5	*2.27*		mg/Kg wet	3.33		68.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.38*		mg/Kg wet	3.33		71.4	30-130			
Surrogate: p-Terphenyl-d14	*2.40*		mg/Kg wet	3.33		72.1	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183245 - SW-846 3540C										
Blank (B183245-BLK1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.238*		mg/Kg wet	0.200		119	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.184*		mg/Kg wet	0.200		92.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		92.0	30-150			
LCS (B183245-BS1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		92.5	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		83.8	40-140			
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		85.4	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		82.3	40-140			
Surrogate: Decachlorobiphenyl	*0.221*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.200		99.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.163*		mg/Kg wet	0.200		81.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.162*		mg/Kg wet	0.200		81.2	30-150			
LCS Dup (B183245-BSD1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		97.1	40-140	4.84	30	
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		98.2	40-140	15.8	30	
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		95.5	40-140	11.2	30	
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		92.5	40-140	11.7	30	
Surrogate: Decachlorobiphenyl	*0.248*		mg/Kg wet	0.200		124	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.224*		mg/Kg wet	0.200		112	30-150			
Surrogate: Tetrachloro-m-xylene	*0.190*		mg/Kg wet	0.200		94.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.187*		mg/Kg wet	0.200		93.4	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183245 - SW-846 3540C										
Matrix Spike (B183245-MS1)		**Source: 17G1169-20**		Prepared: 08/03/17 Analyzed: 08/04/17						
Aroclor-1016	0.21	0.11	mg/Kg dry	0.230	ND	91.7	40-140			
Aroclor-1016 [2C]	0.22	0.11	mg/Kg dry	0.230	ND	96.9	40-140			
Aroclor-1260	0.35	0.11	mg/Kg dry	0.230	0.16	82.4	40-140			
Aroclor-1260 [2C]	0.37	0.11	mg/Kg dry	0.230	0.17	83.8	40-140			
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg dry	0.230		98.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.236*		mg/Kg dry	0.230		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg dry	0.230		91.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.219*		mg/Kg dry	0.230		95.3	30-150			
Matrix Spike Dup (B183245-MSD1)		**Source: 17G1169-20**		Prepared: 08/03/17 Analyzed: 08/04/17						
Aroclor-1016	0.26	0.11	mg/Kg dry	0.230	ND	111	40-140	19.1	50	
Aroclor-1016 [2C]	0.24	0.11	mg/Kg dry	0.230	ND	103	40-140	6.23	50	
Aroclor-1260	0.36	0.11	mg/Kg dry	0.230	0.16	87.5	40-140	3.23	50	
Aroclor-1260 [2C]	0.37	0.11	mg/Kg dry	0.230	0.17	85.3	40-140	0.945	50	
Surrogate: Decachlorobiphenyl	*0.221*		mg/Kg dry	0.230		96.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.240*		mg/Kg dry	0.230		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.204*		mg/Kg dry	0.230		88.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.212*		mg/Kg dry	0.230		92.2	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183209 - SW-846 3546										
Blank (B183209-BLK1)				Prepared & Analyzed: 08/03/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.17*		mg/Kg wet	3.33		65.2	50-150			
LCS (B183209-BS1)				Prepared & Analyzed: 08/03/17						
CT ETPH	21.7	10	mg/Kg wet	33.3		65.2	60-120			
Surrogate: o-Terphenyl	*2.25*		mg/Kg wet	3.33		67.5	50-150			
LCS Dup (B183209-BSD1)				Prepared & Analyzed: 08/03/17						
CT ETPH	22.9	10	mg/Kg wet	33.3		68.8	60-120	5.37	30	
Surrogate: o-Terphenyl	*2.32*		mg/Kg wet	3.33		69.5	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182729 - SW-846 3050B										
Blank (B182729-BLK1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Arsenic	ND	2.5	mg/Kg wet							
LCS (B182729-BS1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Arsenic	57.7	5.0	mg/Kg wet	57.0		101	77.8-122.1			
LCS Dup (B182729-BSD1)				Prepared: 07/27/17 Analyzed: 07/31/17						
Arsenic	55.6	5.0	mg/Kg wet	57.0		97.5	77.8-122.1	3.70	30	
Duplicate (B182729-DUP1)	**Source: 17G1169-17**			Prepared: 07/27/17 Analyzed: 07/31/17						
Arsenic	ND	2.6	mg/Kg dry		ND			NC	35	
Matrix Spike (B182729-MS1)	**Source: 17G1169-17**			Prepared: 07/27/17 Analyzed: 07/31/17						
Arsenic	24.0	2.5	mg/Kg dry	25.4	ND	94.4	75-125			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182889 - % Solids										
Duplicate (B182889-DUP5)		**Source: 17G1169-20**		Prepared: 07/31/17 Analyzed: 08/01/17						
% Solids	88.2		% Wt		87.0			1.37	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC12W-SO-96-4

Lab Sample ID: 17G1169-20

Date(s) Analyzed 08/04/2017 08/04/2017

Instrument ID (1): ECD10

Instrument ID (2): ECD10

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.17	6.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B183245-BS1

Date(s) Analyzed 08/04/2017 08/04/2017

Instrument ID (1): ECD10

Instrument ID (2): ECD10

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.17	11.1
Aroclor-1260	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.16	6.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B183245-BSD1 Date(s) Analyzed 08/04/2017 08/04/2017

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.20	5.1
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.19	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B183245-MS1 Date(s) Analyzed 08/04/2017 08/04/2017

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.21	
	2	0.000	-0.030	0.030	0.22	4.7
Aroclor-1260	1	0.000	-0.030	0.030	0.35	
	2	0.000	-0.030	0.030	0.37	5.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B183245-MSD1 Date(s) Analyzed 08/04/2017 08/04/2017

Instrument ID (1): ECD10 Instrument ID (2): ECD10

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.26	
	2	0.000	-0.030	0.030	0.24	8.0
Aroclor-1260	1	0.000	-0.030	0.030	0.36	
	2	0.000	-0.030	0.030	0.37	2.7

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Arsenic	CT,NH,NY,ME,VA,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
SW-846 8270D in Water	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

17C-1169

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	# of Containers	[2] Preservation Code	[3] Container Code
01	WS-AOCIZE-SO-18-1	7/25/17	15:16		X	S	U	X					
02	WS-AOCIZE-SO-18-2	↓	15:17		↓	↓	↓	X					
03	WS-AOCIZE-SO-18-3		15:18					X					
04	WS-AOCIZE-SO-6-1A		15:10					X					
05	WS-AOCIZE-SO-6-1B		15:12						X	X			
06	WS-AOCIZE-SO-6-2		15:14					X					
07	WS-AOCIZE-SO-6-3		15:16					X					
08	WS-AOCIZE-SO-13-1A		15:34					X					
09	WS-AOCIZE-SO-13-1B		15:35							X			
10	WS-AOCIZE-SO-13-2	↓	15:36		↓	↓	↓	X					

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define) _____

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define) _____

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define) _____

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature]	7/26/17 1530
Received by: (signature)	Date/Time:
[signature]	7/26/17 15:30
Relinquished by: (signature)	Date/Time:
[signature]	7/26/17 17:03
Received by: (signature)	Date/Time:
[signature]	7/26/17 17[illegible]
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCB	PAH	ETPH	Arsenic	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC12E-SO-13-3	7/25/17	15:37		X	S	U	X							
12	WS-AOC12E-SO-9-1		15:50					X							
13	WS-AOC12E-SO-9-2		15:52					X							
14	WS-AOC12E-SO-9-3		15:54					X							
15	WS-AOC12W-SO-50-1	7/26/17	9:05					X							
16	WS-AOC12W-SO-50-2A	7/26/17	9:06					X							
17	WS-AOC12W-SO-50-2B		9:07						X	X	X				
18	WS-AOC12W-SO-50-3		9:08					X							
19	WS-AOC12W-SO-50-4		9:09					X							
20	WS-AOC12W-SO-97-4		9:20					X							

Comments:
WS-AOC12W-SO-97-4 (MS-MSD)
Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define) _____

[2] **Preservation Codes:**
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T = Sodium Thiosulfate
O = Other (please define) _____

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define) _____

Relinquished by: (signature)	Date/Time:
	7/26/17 1530
Received by: (signature)	Date/Time:
	7/26/17 15:3
Relinquished by: (signature)	Date/Time:
	7/26/17 17:03
Received by: (signature)	Date/Time:
	7/26/17 1703
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Table of Contents

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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By BLF Date 7/26/17 Time 1703

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 7 Actual Temp - 5.7 °C
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? ____
Are there Rushes? F Who was notified? ____
Are there Short Holds? F Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? T
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? NA
Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	22
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A080417\A0804042.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/4/17
Data File Name	A0804042.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	496930	540759	-8
c - 10	1.43	504684	540759	-7
c - 12	2.16	531774	540759	-2
c - 14	2.84	548652	540759	1
c - 16	3.44	561658	540759	4
c - 18	4.02	556185	540759	3
o-Terphenyl	4.30	591043	540759	
c - 20	4.63	564764	540759	4
c - 22	5.15	571232	540759	6
c - 24	5.60	531546	540759	-2
c - 26	6.00	557639	540759	3
c - 28	6.36	545631	540759	1
c - 30	6.69	541457	540759	0
c - 32	7.00	529841	540759	-2
c - 34	7.30	534051	540759	-1
c - 36	7.58	535342	540759	-1

* One compound allowed %D <= 50%

Samples

17G1258-10
17G1258-11
17G1188-01
17G1188-02
17G1188-03

D:\HPCHEM\1\DATA\A080417\A0804078.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/4/17
Data File Name	A0804078.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	451447	495950	-9
c - 10	1.43	453087	495950	-9
c - 12	2.16	479235	495950	-3
c - 14	2.84	491947	495950	-1
c - 16	3.44	506893	495950	2
c - 18	4.02	504487	495950	2
o-Terphenyl	4.31	554881	495950	
c - 20	4.63	517031	495950	4
c - 22	5.15	526767	495950	6
c - 24	5.60	494638	495950	0
c - 26	5.99	520797	495950	5
c - 28	6.35	509017	495950	3
c - 30	6.69	504152	495950	2
c - 32	7.00	490587	495950	-1
c - 34	7.29	493940	495950	0
c - 36	7.58	495218	495950	0

* One compound allowed %D <= 50%

Samples

17G1257-13
17G1257-18
17G1254-18
17G1169-17
17G1075-10@5X
17G1075-13@5X
17G1172-11
17G1074-19
17G1074-06@10X
17G1074-09@10X
17G1077-17RE1@20X

D:\HPCHEM\1\DATA\A080417.SEC\A0804079.D

CT ETPH DISCRIMINATION CHECK

Date Acquired 8/4/17
Data File Name A0804079.D
Sample Name ETPH 1500
Instrument Name 5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	412622	444472	-7
c - 10	1.50	420598	444472	-5
c - 12	2.22	438402	444472	-1
c - 14	2.88	451044	444472	1
c - 16	3.48	459256	444472	3
c - 18	4.05	452050	444472	2
o-Terphenyl	4.35	491812	444472	
c - 20	4.66	458504	444472	3
c - 22	5.17	461579	444472	4
c - 24	5.61	429319	444472	-3
c - 26	6.01	451685	444472	2
c - 28	6.36	450715	444472	1
c - 30	6.70	447938	444472	1
c - 32	7.00	440516	444472	-1
c - 34	7.29	445571	444472	0
c - 36	7.57	447287	444472	1

* One compound allowed %D </= 50%

Samples

17G1254-08@20X
17G1254-13@10X
17G1169-09@5X
17G1172-03@20X
17G1172-07@10X
17G1257-01@5X
17G1257-09@10X
17G1257-11@10X
17G1257-14@5X
17G1257-17@10X
17G1255-03@20X

D:\HPCHEM\1\DATA\A080717.SEC\A0807007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/7/17
Data File Name	A0807007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	567269	616507	-8
c - 10	1.63	582026	616507	-6
c - 12	2.35	602280	616507	-2
c - 14	3.01	616087	616507	0
c - 16	3.62	632696	616507	3
c - 18	4.23	627640	616507	2
o-Terphenyl	4.52	702616	616507	
c - 20	4.84	638720	616507	4
c - 22	5.34	651603	616507	6
c - 24	5.78	609664	616507	-1
c - 26	6.17	643711	616507	4
c - 28	6.53	633637	616507	3
c - 30	6.86	630017	616507	2
c - 32	7.17	609518	616507	-1
c - 34	7.46	605031	616507	-2
c - 36	7.78	597714	616507	-3

* One compound allowed %D <= 50%

Samples

17G1300-01
17G1169-05@5X
17G1073-02@5X
17G1253-09@20X
17G1255-15@20X
17G1255-19@5X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17G1169

Laboratory Sample ID(s):

17G1169-01 thru 17G1169-20

Sample Date(s):

07/25/2017,
07/26/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 8082A, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/07/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
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July 20, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: English Station
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 17G0507

Enclosed are results of analyses for samples received by the laboratory on July 13, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 7/20/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G0507

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: English Station

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC-14-SED-1	17G0507-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
				SW-846 8270D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only PAHs were requested and reported.

CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

17G0507-01[WS-AOC-14-SED-1]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

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Project Location: English Station | Sample Description: | Work Order: 17G0507

Date Received: 7/13/2017

Field Sample #: WS-AOC-14-SED-1 | Sampled: 7/13/2017 00:00

Sample ID: 17G0507-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Acenaphthylene	ND	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Anthracene	0.63	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Benzo(a)anthracene	2.4	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Benzo(a)pyrene	2.0	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Benzo(b)fluoranthene	2.9	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Benzo(g,h,i)perylene	1.5	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Benzo(k)fluoranthene	1.2	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Chrysene	2.9	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Dibenz(a,h)anthracene	ND	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Fluoranthene	5.2	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Fluorene	ND	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Indeno(1,2,3-cd)pyrene	1.4	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
2-Methylnaphthalene	0.77	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Naphthalene	0.82	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Phenanthrene	3.5	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL
Pyrene	5.0	0.43	mg/Kg dry	1		SW-846 8270D	7/17/17	7/18/17 13:30	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	63.9	30-130		7/18/17 13:30
2-Fluorobiphenyl	67.9	30-130		7/18/17 13:30
p-Terphenyl-d14	71.0	30-130		7/18/17 13:30

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Project Location: English Station | Sample Description: | Work Order: 17G0507

Date Received: 7/13/2017

Field Sample #: WS-AOC-14-SED-1 | Sampled: 7/13/2017 00:00

Sample ID: 17G0507-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1221 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1232 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1242 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1248 [2]	0.60	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1254 [2]	0.74	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1260 [2]	0.39	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1262 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL
Aroclor-1268 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	7/17/17	7/18/17 22:38	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.2	30-150		7/18/17 22:38
Decachlorobiphenyl [2]	79.5	30-150		7/18/17 22:38
Tetrachloro-m-xylene [1]	83.0	30-150		7/18/17 22:38
Tetrachloro-m-xylene [2]	78.1	30-150		7/18/17 22:38

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Project Location: English Station
Sample Description:
Work Order: 17G0507

Date Received: 7/13/2017

Field Sample #: WS-AOC-14-SED-1
Sampled: 7/13/2017 00:00

Sample ID: 17G0507-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	5700	1300	mg/Kg dry	50		CTDEP ETPH	7/18/17	7/20/17 14:48	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	7/20/17 14:48

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Project Location: English Station
Sample Description:
Work Order: 17G0507

Date Received: 7/13/2017

Field Sample #: WS-AOC-14-SED-1
Sampled: 7/13/2017 00:00

Sample ID: 17G0507-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	39.1		% Wt	1		SM 2540G	7/17/17	7/18/17 8:14	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0507-01 [WS-AOC-14-SED-1]	B181937	30.0	1.00	07/18/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G0507-01 [WS-AOC-14-SED-1]	B181768	07/17/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0507-01 [WS-AOC-14-SED-1]	B181808	10.0	10.0	07/17/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0507-01 [WS-AOC-14-SED-1]	B181790	30.0	1.00	07/17/17

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B181790 - SW-846 3546										
Blank (B181790-BLK1)				Prepared: 07/17/17 Analyzed: 07/18/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.38*		mg/Kg wet	3.33		71.5	30-130			
Surrogate: 2-Fluorobiphenyl	*2.38*		mg/Kg wet	3.33		71.5	30-130			
Surrogate: p-Terphenyl-d14	*3.00*		mg/Kg wet	3.33		89.9	30-130			
LCS (B181790-BS1)				Prepared: 07/17/17 Analyzed: 07/18/17						
Acenaphthene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140			
Acenaphthylene	1.10	0.17	mg/Kg wet	1.67		65.9	40-140			
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.3	40-140			
Benzo(a)anthracene	1.23	0.17	mg/Kg wet	1.67		74.0	40-140			
Benzo(a)pyrene	1.21	0.17	mg/Kg wet	1.67		72.9	40-140			
Benzo(b)fluoranthene	1.12	0.17	mg/Kg wet	1.67		67.3	40-140			
Benzo(g,h,i)perylene	1.44	0.17	mg/Kg wet	1.67		86.3	40-140			
Benzo(k)fluoranthene	1.14	0.17	mg/Kg wet	1.67		68.6	40-140			
Chrysene	1.20	0.17	mg/Kg wet	1.67		72.2	40-140			
Dibenz(a,h)anthracene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140			
Fluoranthene	1.20	0.17	mg/Kg wet	1.67		72.0	40-140			
Fluorene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140			
Indeno(1,2,3-cd)pyrene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140			
2-Methylnaphthalene	1.12	0.17	mg/Kg wet	1.67		67.1	40-140			
Naphthalene	1.08	0.17	mg/Kg wet	1.67		64.6	40-140			
Phenanthrene	1.23	0.17	mg/Kg wet	1.67		73.5	40-140			
Pyrene	1.25	0.17	mg/Kg wet	1.67		75.1	40-140			
Surrogate: Nitrobenzene-d5	*2.53*		mg/Kg wet	3.33		75.8	30-130			
Surrogate: 2-Fluorobiphenyl	*2.57*		mg/Kg wet	3.33		77.2	30-130			
Surrogate: p-Terphenyl-d14	*2.82*		mg/Kg wet	3.33		84.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B181790 - SW-846 3546										
LCS Dup (B181790-BSD1)				Prepared: 07/17/17 Analyzed: 07/18/17						
Acenaphthene	1.23	0.17	mg/Kg wet	1.67		74.0	40-140	6.85	30	
Acenaphthylene	1.18	0.17	mg/Kg wet	1.67		70.9	40-140	7.31	30	
Anthracene	1.32	0.17	mg/Kg wet	1.67		79.1	40-140	7.64	30	
Benzo(a)anthracene	1.32	0.17	mg/Kg wet	1.67		79.5	40-140	7.09	30	
Benzo(a)pyrene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140	10.3	30	
Benzo(b)fluoranthene	1.23	0.17	mg/Kg wet	1.67		74.0	40-140	9.54	30	
Benzo(g,h,i)perylene	1.57	0.17	mg/Kg wet	1.67		94.0	40-140	8.54	30	
Benzo(k)fluoranthene	1.25	0.17	mg/Kg wet	1.67		75.2	40-140	9.21	30	
Chrysene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140	8.71	30	
Dibenz(a,h)anthracene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140	8.04	30	
Fluoranthene	1.27	0.17	mg/Kg wet	1.67		76.0	40-140	5.35	30	
Fluorene	1.21	0.17	mg/Kg wet	1.67		72.5	40-140	4.77	30	
Indeno(1,2,3-cd)pyrene	1.45	0.17	mg/Kg wet	1.67		87.3	40-140	6.53	30	
2-Methylnaphthalene	1.23	0.17	mg/Kg wet	1.67		73.5	40-140	9.16	30	
Naphthalene	1.21	0.17	mg/Kg wet	1.67		72.3	40-140	11.3	30	
Phenanthrene	1.33	0.17	mg/Kg wet	1.67		79.7	40-140	8.01	30	
Pyrene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140	8.47	30	
Surrogate: Nitrobenzene-d5	*2.77*		mg/Kg wet	3.33		83.1	30-130			
Surrogate: 2-Fluorobiphenyl	*2.70*		mg/Kg wet	3.33		80.9	30-130			
Surrogate: p-Terphenyl-d14	*2.95*		mg/Kg wet	3.33		88.4	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B181808 - SW-846 3540C										
Blank (B181808-BLK1)				Prepared: 07/17/17 Analyzed: 07/18/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.153*		mg/Kg wet	0.200		76.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.144*		mg/Kg wet	0.200		72.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.164*		mg/Kg wet	0.200		81.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.160*		mg/Kg wet	0.200		80.2	30-150			
LCS (B181808-BS1)				Prepared: 07/17/17 Analyzed: 07/18/17						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		87.9	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		92.7	40-140			
Aroclor-1260	0.15	0.020	mg/Kg wet	0.200		74.2	40-140			
Aroclor-1260 [2C]	0.14	0.020	mg/Kg wet	0.200		70.8	40-140			
Surrogate: Decachlorobiphenyl	*0.163*		mg/Kg wet	0.200		81.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.154*		mg/Kg wet	0.200		77.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.163*		mg/Kg wet	0.200		81.6	30-150			
LCS Dup (B181808-BSD1)				Prepared: 07/17/17 Analyzed: 07/18/17						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		83.1	40-140	5.59	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		89.7	40-140	3.22	30	
Aroclor-1260	0.15	0.020	mg/Kg wet	0.200		72.9	40-140	1.72	30	
Aroclor-1260 [2C]	0.14	0.020	mg/Kg wet	0.200		69.5	40-140	1.89	30	
Surrogate: Decachlorobiphenyl	*0.158*		mg/Kg wet	0.200		79.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.161*		mg/Kg wet	0.200		80.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.162*		mg/Kg wet	0.200		81.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.157*		mg/Kg wet	0.200		78.6	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B181937 - SW-846 3546										
Blank (B181937-BLK1)				Prepared: 07/18/17 Analyzed: 07/19/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.10*		mg/Kg wet	3.33		63.0	50-150			
LCS (B181937-BS1)				Prepared: 07/18/17 Analyzed: 07/19/17						
CT ETPH	23.2	10	mg/Kg wet	33.3		69.6	60-120			
Surrogate: o-Terphenyl	*2.28*		mg/Kg wet	3.33		68.5	50-150			
LCS Dup (B181937-BSD1)				Prepared: 07/18/17 Analyzed: 07/19/17						
CT ETPH	22.0	10	mg/Kg wet	33.3		66.0	60-120	5.21	30	
Surrogate: o-Terphenyl	*2.20*		mg/Kg wet	3.33		66.1	50-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

AOC-14 SED-1

Lab Sample ID: 17G0507-01

Date(s) Analyzed: 07/18/2017 07/18/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1248	1	0.000	-0.030	0.030	0.54	
	2	0.000	-0.030	0.030	0.60	10.5
Aroclor-1254	1	0.000	-0.030	0.030	0.63	
	2	0.000	-0.030	0.030	0.74	16.1
Aroclor-1260	1	0.000	-0.030	0.030	0.35	
	2	0.000	-0.030	0.030	0.39	10.8

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

1760507

Rev 04.05.12

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Company Name: Weston & Sampson
Address: 273 Dividend Rd
Rocky Hill, CT
Attention: Malcolm Beeler
Project Location: English Station
Sampled By:

Telephone: 800-SAMPSON
Project #: 2170495
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #:
Email: BeelerM@wseinc.com
Format: ☒ PDF ☒ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs	ETPH	PAHs								
								3	3	3								
								I	I	I								
1	WS-AOC-14-SED-1	7/13/17	1015		X	S	U	X	X	X								

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:
Please hold extra volume for potential SPLP samples.
Wait until you hear from WSE or TRC.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	7/13/17	Date/Time: 1435
Received by: (signature)	7-13-17	Date/Time: 1435
Relinquished by: (signature)	7-13-17	Date/Time: 7:25
Received by: (signature)	2.4 7/13/17	Date/Time: 1925

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: Res DC ICDC TSCA
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID #

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By AP Date 7/13/17 Time 1925

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 2.4
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? N/A
Are there Rushes? N/A Who was notified? N/A
Are there Short Holds? N/A Who was notified? N/A
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	3
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A072017\A0720006.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/20/17
Data File Name	A0720006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.08	474876	527912	-10
c - 10	1.43	480762	527912	-9
c - 12	2.16	504292	527912	-4
c - 14	2.84	522097	527912	-1
c - 16	3.44	541219	527912	3
c - 18	4.02	539836	527912	2
o-Terphenyl	4.30	625240	527912	
c - 20	4.64	551613	527912	4
c - 22	5.16	561048	527912	6
c - 24	5.60	526083	527912	0
c - 26	6.00	555923	527912	5
c - 28	6.36	547974	527912	4
c - 30	6.70	542847	527912	3
c - 32	7.01	526107	527912	0
c - 34	7.30	523798	527912	-1
c - 36	7.59	520202	527912	-1

* One compound allowed %D <= 50%

Samples

17G0320-01@40X
17G0666-01
17G0666-02
17G0666-04
17G0666-05@10X
17G0666-03@100X
17G0519-05@10X
17G0519-01@10X
17G0519-02
17G0507-01@50X

D:\HPCHEM\1\DATA\A072017.SEC\A0720007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/20/17
Data File Name	A0720007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	542887	558590	-3
c - 10	1.49	548263	558590	-2
c - 12	2.22	572116	558590	2
c - 14	2.88	585052	558590	5
c - 16	3.48	592579	558590	6
c - 18	4.06	574741	558590	3
o-Terphenyl	4.35	650382	558590	
c - 20	4.67	575493	558590	3
c - 22	5.18	576350	558590	3
c - 24	5.62	535231	558590	-4
c - 26	6.01	561463	558590	1
c - 28	6.37	552550	558590	-1
c - 30	6.70	548440	558590	-2
c - 32	7.01	534893	558590	-4
c - 34	7.30	538565	558590	-4
c - 36	7.58	540221	558590	-3

* One compound allowed %D <= 50%

Samples

17G0521-09

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: English Station

Project Number: 17G0507

Laboratory Sample ID(s):

17G0507-01

Sample Date(s):

07/13/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 8082A, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **07/20/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

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July 26, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: New Haven, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 17G0626

Enclosed are results of analyses for samples received by the laboratory on July 17, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 7/26/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G0626

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC12W-SO-1-1	17G0626-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-1-2	17G0626-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-1-3	17G0626-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-4-1	17G0626-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-4-2	17G0626-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-4-3	17G0626-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-3-1A	17G0626-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-3-1B	17G0626-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
WS-AOC12W-SO-3-2	17G0626-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-3-3	17G0626-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-6-1	17G0626-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-6-2	17G0626-12	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-6-3	17G0626-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-8-1A	17G0626-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-8-1B	17G0626-15	Soil		SM 2540G	
				SW-846 8270D	
WS-AOC12W-SO-8-2	17G0626-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-8-3	17G0626-17	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-14-1	17G0626-18	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-14-2	17G0626-19	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-14-3	17G0626-20	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6010, only As was requested and reported.

SW-846 8082A

Qualifications:

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016
17G0626-01[WS-AOC12W-SO-1-1], 17G0626-02[WS-AOC12W-SO-1-2], 17G0626-03[WS-AOC12W-SO-1-3], 17G0626-04[WS-AOC12W-SO-4-1], 17G0626-05[WS-AOC12W-SO-4-2], 17G0626-06[WS-AOC12W-SO-4-3], 17G0626-07[WS-AOC12W-SO-3-1A], 17G0626-09[WS-AOC12W-SO-3-2], 17G0626-10[WS-AOC12W-SO-3-3], 17G0626-11[WS-AOC12W-SO-6-1], 17G0626-12[WS-AOC12W-SO-6-2], 17G0626-13[WS-AOC12W-SO-6-3], 17G0626-14[WS-AOC12W-SO-8-1A], 17G0626-16[WS-AOC12W-SO-8-2], 17G0626-17[WS-AOC12W-SO-8-3], 17G0626-18[WS-AOC12W-SO-14-1], 17G0626-19[WS-AOC12W-SO-14-2], 17G0626-20[WS-AOC12W-SO-14-3], B181836-BLK1, B181836-BS1, B181836-BSD1, B181836-MS1, B181836-MSD1

Aroclor-1016 [2C]
17G0626-01[WS-AOC12W-SO-1-1], 17G0626-02[WS-AOC12W-SO-1-2], 17G0626-03[WS-AOC12W-SO-1-3], 17G0626-04[WS-AOC12W-SO-4-1], 17G0626-05[WS-AOC12W-SO-4-2], 17G0626-06[WS-AOC12W-SO-4-3], 17G0626-07[WS-AOC12W-SO-3-1A], 17G0626-09[WS-AOC12W-SO-3-2], 17G0626-10[WS-AOC12W-SO-3-3], 17G0626-11[WS-AOC12W-SO-6-1], 17G0626-12[WS-AOC12W-SO-6-2], 17G0626-13[WS-AOC12W-SO-6-3], 17G0626-14[WS-AOC12W-SO-8-1A], 17G0626-16[WS-AOC12W-SO-8-2], 17G0626-17[WS-AOC12W-SO-8-3], 17G0626-18[WS-AOC12W-SO-14-1], 17G0626-19[WS-AOC12W-SO-14-2], 17G0626-20[WS-AOC12W-SO-14-3], B181836-BLK1, B181836-BS1, B181836-BSD1, B181836-MS1, B181836-MSD1

Aroclor-1260
17G0626-01[WS-AOC12W-SO-1-1], 17G0626-02[WS-AOC12W-SO-1-2], 17G0626-03[WS-AOC12W-SO-1-3], 17G0626-04[WS-AOC12W-SO-4-1], 17G0626-05[WS-AOC12W-SO-4-2], 17G0626-06[WS-AOC12W-SO-4-3], 17G0626-07[WS-AOC12W-SO-3-1A], 17G0626-09[WS-AOC12W-SO-3-2], 17G0626-10[WS-AOC12W-SO-3-3], 17G0626-11[WS-AOC12W-SO-6-1], 17G0626-12[WS-AOC12W-SO-6-2], 17G0626-13[WS-AOC12W-SO-6-3], 17G0626-14[WS-AOC12W-SO-8-1A], 17G0626-16[WS-AOC12W-SO-8-2], 17G0626-17[WS-AOC12W-SO-8-3], 17G0626-18[WS-AOC12W-SO-14-1], 17G0626-19[WS-AOC12W-SO-14-2], 17G0626-20[WS-AOC12W-SO-14-3], B181836-BLK1, B181836-BS1, B181836-BSD1, B181836-MS1, B181836-MSD1

Aroclor-1260 [2C]
17G0626-01[WS-AOC12W-SO-1-1], 17G0626-02[WS-AOC12W-SO-1-2], 17G0626-03[WS-AOC12W-SO-1-3], 17G0626-04[WS-AOC12W-SO-4-1], 17G0626-05[WS-AOC12W-SO-4-2], 17G0626-06[WS-AOC12W-SO-4-3], 17G0626-07[WS-AOC12W-SO-3-1A], 17G0626-09[WS-AOC12W-SO-3-2], 17G0626-10[WS-AOC12W-SO-3-3], 17G0626-11[WS-AOC12W-SO-6-1], 17G0626-12[WS-AOC12W-SO-6-2], 17G0626-13[WS-AOC12W-SO-6-3], 17G0626-14[WS-AOC12W-SO-8-1A], 17G0626-16[WS-AOC12W-SO-8-2], 17G0626-17[WS-AOC12W-SO-8-3], 17G0626-18[WS-AOC12W-SO-14-1], 17G0626-19[WS-AOC12W-SO-14-2], 17G0626-20[WS-AOC12W-SO-14-3], B181836-BLK1, B181836-BS1, B181836-BSD1, B181836-MS1, B181836-MSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-1-1 | Sampled: 7/17/2017 10:40

Sample ID: 17G0626-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:40	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:40	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.8	30-150		7/20/17 15:40
Decachlorobiphenyl [2]	85.4	30-150		7/20/17 15:40
Tetrachloro-m-xylene [1]	70.9	30-150		7/20/17 15:40
Tetrachloro-m-xylene [2]	71.3	30-150		7/20/17 15:40

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-1-1
Sampled: 7/17/2017 10:40

Sample ID: 17G0626-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-1-2
Sampled: 7/17/2017 10:42

Sample ID: 17G0626-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:57	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 15:57	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	77.9	30-150		7/20/17 15:57
Decachlorobiphenyl [2]	88.2	30-150		7/20/17 15:57
Tetrachloro-m-xylene [1]	87.8	30-150		7/20/17 15:57
Tetrachloro-m-xylene [2]	88.3	30-150		7/20/17 15:57

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-1-2
Sampled: 7/17/2017 10:42

Sample ID: 17G0626-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.7		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-1-3
Sampled: 7/17/2017 10:44

Sample ID: 17G0626-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.17	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1221 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1232 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1242 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1248 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1254 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1260 [1]	ND	0.17	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1262 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:15	KAL
Aroclor-1268 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:15	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.6	30-150		7/20/17 16:15
Decachlorobiphenyl [2]	98.5	30-150		7/20/17 16:15
Tetrachloro-m-xylene [1]	81.2	30-150		7/20/17 16:15
Tetrachloro-m-xylene [2]	72.3	30-150		7/20/17 16:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-1-3
Sampled: 7/17/2017 10:44
Sample ID: 17G0626-03
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	58.9		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-4-1 | Sampled: 7/17/2017 11:27

Sample ID: 17G0626-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:33	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:33	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.0	30-150		7/20/17 16:33
Decachlorobiphenyl [2]	99.5	30-150		7/20/17 16:33
Tetrachloro-m-xylene [1]	96.9	30-150		7/20/17 16:33
Tetrachloro-m-xylene [2]	97.5	30-150		7/20/17 16:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-4-1
Sampled: 7/17/2017 11:27

Sample ID: 17G0626-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.1		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-4-2
Sampled: 7/17/2017 11:29

Sample ID: 17G0626-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:50	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:50	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.5	30-150		7/20/17 16:50
Decachlorobiphenyl [2]	98.0	30-150		7/20/17 16:50
Tetrachloro-m-xylene [1]	96.1	30-150		7/20/17 16:50
Tetrachloro-m-xylene [2]	103	30-150		7/20/17 16:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-4-2
Sampled: 7/17/2017 11:29
Sample ID: 17G0626-05
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-4-3
Sampled: 7/17/2017 11:31
Sample ID: 17G0626-06
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.17	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1221 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1232 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1242 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1248 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1254 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1260 [1]	ND	0.17	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1262 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:08	KAL
Aroclor-1268 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:08	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.8	30-150		7/20/17 17:08
Decachlorobiphenyl [2]	103	30-150		7/20/17 17:08
Tetrachloro-m-xylene [1]	97.0	30-150		7/20/17 17:08
Tetrachloro-m-xylene [2]	106	30-150		7/20/17 17:08

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-4-3
Sampled: 7/17/2017 11:31

Sample ID: 17G0626-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	57.9		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-3-1A
Sampled: 7/17/2017 11:30
Sample ID: 17G0626-07
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:25	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:25	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	77.6	30-150		7/20/17 17:25
Decachlorobiphenyl [2]	86.6	30-150		7/20/17 17:25
Tetrachloro-m-xylene [1]	87.2	30-150		7/20/17 17:25
Tetrachloro-m-xylene [2]	93.8	30-150		7/20/17 17:25

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-3-1A
Sampled: 7/17/2017 11:30

Sample ID: 17G0626-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.5		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-3-1B
Sampled: 7/17/2017 11:31

Sample ID: 17G0626-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	550	60	mg/Kg dry	5		CTDEP ETPH	7/21/17	7/25/17 19:22	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	77.2	50-150		7/25/17 19:22

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-3-1B
Sampled: 7/17/2017 11:31

Sample ID: 17G0626-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	120	3.0	mg/Kg dry	1		SW-846 6010C-D	7/20/17	7/24/17 4:55	QNW

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-3-1B
Sampled: 7/17/2017 11:31

Sample ID: 17G0626-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-3-2
Sampled: 7/17/2017 11:32

Sample ID: 17G0626-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.8	30-150		7/20/17 17:43
Decachlorobiphenyl [2]	93.0	30-150		7/20/17 17:43
Tetrachloro-m-xylene [1]	84.2	30-150		7/20/17 17:43
Tetrachloro-m-xylene [2]	88.8	30-150		7/20/17 17:43

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-3-2
Sampled: 7/17/2017 11:32
Sample ID: 17G0626-09
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-3-3
Sampled: 7/17/2017 11:33
Sample ID: 17G0626-10
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:48	KAL
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:48	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	83.3	30-150		7/20/17 18:48
Decachlorobiphenyl [2]	97.1	30-150		7/20/17 18:48
Tetrachloro-m-xylene [1]	93.1	30-150		7/20/17 18:48
Tetrachloro-m-xylene [2]	93.6	30-150		7/20/17 18:48

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-3-3
Sampled: 7/17/2017 11:33
Sample ID: 17G0626-10
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.9		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT | Sample Description: | Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-6-1 | Sampled: 7/17/2017 11:50

Sample ID: 17G0626-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:06	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:06	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.3	30-150		7/20/17 19:06
Decachlorobiphenyl [2]	92.8	30-150		7/20/17 19:06
Tetrachloro-m-xylene [1]	96.7	30-150		7/20/17 19:06
Tetrachloro-m-xylene [2]	103	30-150		7/20/17 19:06

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-6-1
Sampled: 7/17/2017 11:50

Sample ID: 17G0626-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-6-2
Sampled: 7/17/2017 11:51
Sample ID: 17G0626-12
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:23	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:23	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.7	30-150		7/20/17 19:23
Decachlorobiphenyl [2]	93.4	30-150		7/20/17 19:23
Tetrachloro-m-xylene [1]	89.1	30-150		7/20/17 19:23
Tetrachloro-m-xylene [2]	89.7	30-150		7/20/17 19:23

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-6-2
Sampled: 7/17/2017 11:51

Sample ID: 17G0626-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.4		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-6-3
Sampled: 7/17/2017 11:52

Sample ID: 17G0626-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.16	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1221 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1232 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1242 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1248 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1254 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1260 [1]	ND	0.16	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1262 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:41	KAL
Aroclor-1268 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:41	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.0	30-150		7/20/17 19:41
Decachlorobiphenyl [2]	89.0	30-150		7/20/17 19:41
Tetrachloro-m-xylene [1]	94.0	30-150		7/20/17 19:41
Tetrachloro-m-xylene [2]	100	30-150		7/20/17 19:41

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-6-3
Sampled: 7/17/2017 11:52

Sample ID: 17G0626-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	61.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-8-1A
Sampled: 7/17/2017 11:45
Sample ID: 17G0626-14
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:59	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:59	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.4	30-150		7/20/17 19:59
Decachlorobiphenyl [2]	89.0	30-150		7/20/17 19:59
Tetrachloro-m-xylene [1]	88.4	30-150		7/20/17 19:59
Tetrachloro-m-xylene [2]	86.9	30-150		7/20/17 19:59

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-8-1A
Sampled: 7/17/2017 11:45
Sample ID: 17G0626-14
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.8		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-8-1B
Sampled: 7/17/2017 11:47
Sample ID: 17G0626-15
Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Benzo(a)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Benzo(b)fluoranthene	0.44	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Chrysene	1.1	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Fluoranthene	0.49	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
2-Methylnaphthalene	0.28	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Naphthalene	0.32	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Phenanthrene	1.0	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL
Pyrene	0.35	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/22/17 15:27	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	57.1	30-130		7/22/17 15:27
2-Fluorobiphenyl	58.0	30-130		7/22/17 15:27
p-Terphenyl-d14	63.7	30-130		7/22/17 15:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-8-1B
Sampled: 7/17/2017 11:47
Sample ID: 17G0626-15
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.1		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-8-2 | Sampled: 7/17/2017 11:49

Sample ID: 17G0626-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:16	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:16	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.9	30-150		7/20/17 20:16
Decachlorobiphenyl [2]	88.6	30-150		7/20/17 20:16
Tetrachloro-m-xylene [1]	89.5	30-150		7/20/17 20:16
Tetrachloro-m-xylene [2]	89.7	30-150		7/20/17 20:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-8-2
Sampled: 7/17/2017 11:49
Sample ID: 17G0626-16
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.0		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-8-3
Sampled: 7/17/2017 11:51

Sample ID: 17G0626-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.15	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1254 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1260 [1]	ND	0.15	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:34	KAL
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:34	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.0	30-150		7/20/17 20:34
Decachlorobiphenyl [2]	83.7	30-150		7/20/17 20:34
Tetrachloro-m-xylene [1]	84.1	30-150		7/20/17 20:34
Tetrachloro-m-xylene [2]	80.4	30-150		7/20/17 20:34

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-8-3
Sampled: 7/17/2017 11:51

Sample ID: 17G0626-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	66.0		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-14-1 | Sampled: 7/17/2017 11:55

Sample ID: 17G0626-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:51	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:51	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.6	30-150		7/20/17 20:51
Decachlorobiphenyl [2]	89.1	30-150		7/20/17 20:51
Tetrachloro-m-xylene [1]	95.9	30-150		7/20/17 20:51
Tetrachloro-m-xylene [2]	103	30-150		7/20/17 20:51

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-14-1
Sampled: 7/17/2017 11:55
Sample ID: 17G0626-18
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.5		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-14-2
Sampled: 7/17/2017 11:58

Sample ID: 17G0626-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:09	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:09	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	60.4	30-150		7/20/17 21:09
Decachlorobiphenyl [2]	73.2	30-150		7/20/17 21:09
Tetrachloro-m-xylene [1]	73.2	30-150		7/20/17 21:09
Tetrachloro-m-xylene [2]	69.4	30-150		7/20/17 21:09

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-14-2
Sampled: 7/17/2017 11:58
Sample ID: 17G0626-19
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-14-3
Sampled: 7/17/2017 11:59

Sample ID: 17G0626-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	5	R-05	SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:26	KAL
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 21:26	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.7	30-150		7/20/17 21:26
Decachlorobiphenyl [2]	84.6	30-150		7/20/17 21:26
Tetrachloro-m-xylene [1]	93.3	30-150		7/20/17 21:26
Tetrachloro-m-xylene [2]	99.6	30-150		7/20/17 21:26

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0626

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-14-3
Sampled: 7/17/2017 11:59

Sample ID: 17G0626-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	71.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0626-08 [WS-AOC12W-SO-3-1B]	B182266	30.0	1.00	07/21/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G0626-01 [WS-AOC12W-SO-1-1]	B182096	07/20/17
17G0626-02 [WS-AOC12W-SO-1-2]	B182096	07/20/17
17G0626-03 [WS-AOC12W-SO-1-3]	B182096	07/20/17
17G0626-04 [WS-AOC12W-SO-4-1]	B182096	07/20/17
17G0626-05 [WS-AOC12W-SO-4-2]	B182096	07/20/17
17G0626-06 [WS-AOC12W-SO-4-3]	B182096	07/20/17
17G0626-07 [WS-AOC12W-SO-3-1A]	B182096	07/20/17
17G0626-08 [WS-AOC12W-SO-3-1B]	B182096	07/20/17
17G0626-09 [WS-AOC12W-SO-3-2]	B182096	07/20/17
17G0626-10 [WS-AOC12W-SO-3-3]	B182096	07/20/17
17G0626-11 [WS-AOC12W-SO-6-1]	B182096	07/20/17
17G0626-12 [WS-AOC12W-SO-6-2]	B182096	07/20/17
17G0626-13 [WS-AOC12W-SO-6-3]	B182096	07/20/17
17G0626-14 [WS-AOC12W-SO-8-1A]	B182096	07/20/17
17G0626-15 [WS-AOC12W-SO-8-1B]	B182096	07/20/17
17G0626-16 [WS-AOC12W-SO-8-2]	B182096	07/20/17
17G0626-17 [WS-AOC12W-SO-8-3]	B182096	07/20/17
17G0626-18 [WS-AOC12W-SO-14-1]	B182096	07/20/17
17G0626-19 [WS-AOC12W-SO-14-2]	B182096	07/20/17
17G0626-20 [WS-AOC12W-SO-14-3]	B182096	07/20/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0626-08 [WS-AOC12W-SO-3-1B]	B182155	1.01	50.0	07/20/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0626-01 [WS-AOC12W-SO-1-1]	B181836	10.0	10.0	07/17/17
17G0626-02 [WS-AOC12W-SO-1-2]	B181836	10.0	10.0	07/17/17
17G0626-03 [WS-AOC12W-SO-1-3]	B181836	10.0	10.0	07/17/17
17G0626-04 [WS-AOC12W-SO-4-1]	B181836	10.0	10.0	07/17/17
17G0626-05 [WS-AOC12W-SO-4-2]	B181836	10.0	10.0	07/17/17
17G0626-06 [WS-AOC12W-SO-4-3]	B181836	10.0	10.0	07/17/17
17G0626-07 [WS-AOC12W-SO-3-1A]	B181836	10.0	10.0	07/17/17
17G0626-09 [WS-AOC12W-SO-3-2]	B181836	10.0	10.0	07/17/17
17G0626-10 [WS-AOC12W-SO-3-3]	B181836	10.0	10.0	07/17/17
17G0626-11 [WS-AOC12W-SO-6-1]	B181836	10.0	10.0	07/17/17
17G0626-12 [WS-AOC12W-SO-6-2]	B181836	10.0	10.0	07/17/17
17G0626-13 [WS-AOC12W-SO-6-3]	B181836	10.0	10.0	07/17/17
17G0626-14 [WS-AOC12W-SO-8-1A]	B181836	10.0	10.0	07/17/17
17G0626-16 [WS-AOC12W-SO-8-2]	B181836	10.0	10.0	07/17/17
17G0626-17 [WS-AOC12W-SO-8-3]	B181836	10.0	10.0	07/17/17
17G0626-18 [WS-AOC12W-SO-14-1]	B181836	10.0	10.0	07/17/17
17G0626-19 [WS-AOC12W-SO-14-2]	B181836	10.0	10.0	07/17/17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0626-20 [WS-AOC12W-SO-14-3]	B181836	10.0	10.0	07/17/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0626-15 [WS-AOC12W-SO-8-1B]	B182243	30.0	1.00	07/21/17

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182243 - SW-846 3546										
Blank (B182243-BLK1)				Prepared: 07/21/17 Analyzed: 07/22/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.43*		mg/Kg wet	3.33		72.9	30-130			
Surrogate: 2-Fluorobiphenyl	*2.47*		mg/Kg wet	3.33		74.2	30-130			
Surrogate: p-Terphenyl-d14	*2.68*		mg/Kg wet	3.33		80.5	30-130			
LCS (B182243-BS1)				Prepared: 07/21/17 Analyzed: 07/22/17						
Acenaphthene	1.20	0.17	mg/Kg wet	1.67		71.8	40-140			
Acenaphthylene	1.15	0.17	mg/Kg wet	1.67		68.9	40-140			
Anthracene	1.21	0.17	mg/Kg wet	1.67		72.4	40-140			
Benzo(a)anthracene	1.07	0.17	mg/Kg wet	1.67		63.9	40-140			
Benzo(a)pyrene	1.21	0.17	mg/Kg wet	1.67		72.7	40-140			
Benzo(b)fluoranthene	1.14	0.17	mg/Kg wet	1.67		68.3	40-140			
Benzo(g,h,i)perylene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140			
Benzo(k)fluoranthene	1.20	0.17	mg/Kg wet	1.67		72.2	40-140			
Chrysene	0.992	0.17	mg/Kg wet	1.67		59.5	40-140			
Dibenz(a,h)anthracene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140			
Fluoranthene	1.17	0.17	mg/Kg wet	1.67		69.9	40-140			
Fluorene	1.18	0.17	mg/Kg wet	1.67		70.7	40-140			
Indeno(1,2,3-cd)pyrene	1.12	0.17	mg/Kg wet	1.67		67.1	40-140			
2-Methylnaphthalene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140			
Naphthalene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140			
Phenanthrene	1.22	0.17	mg/Kg wet	1.67		72.9	40-140			
Pyrene	1.09	0.17	mg/Kg wet	1.67		65.3	40-140			
Surrogate: Nitrobenzene-d5	*2.61*		mg/Kg wet	3.33		78.3	30-130			
Surrogate: 2-Fluorobiphenyl	*2.65*		mg/Kg wet	3.33		79.6	30-130			
Surrogate: p-Terphenyl-d14	*2.38*		mg/Kg wet	3.33		71.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182243 - SW-846 3546										
LCS Dup (B182243-BSD1)				Prepared: 07/21/17 Analyzed: 07/22/17						
Acenaphthene	1.16	0.17	mg/Kg wet	1.67		69.9	40-140	2.71	30	
Acenaphthylene	1.13	0.17	mg/Kg wet	1.67		67.6	40-140	1.90	30	
Anthracene	1.20	0.17	mg/Kg wet	1.67		71.7	40-140	0.999	30	
Benzo(a)anthracene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140	5.27	30	
Benzo(a)pyrene	1.27	0.17	mg/Kg wet	1.67		76.0	40-140	4.41	30	
Benzo(b)fluoranthene	1.12	0.17	mg/Kg wet	1.67		67.0	40-140	1.95	30	
Benzo(g,h,i)perylene	1.20	0.17	mg/Kg wet	1.67		71.9	40-140	6.46	30	
Benzo(k)fluoranthene	1.24	0.17	mg/Kg wet	1.67		74.4	40-140	2.97	30	
Chrysene	1.05	0.17	mg/Kg wet	1.67		63.2	40-140	6.00	30	
Dibenz(a,h)anthracene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140	6.07	30	
Fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.4	40-140	0.775	30	
Fluorene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140	0.283	30	
Indeno(1,2,3-cd)pyrene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140	11.0	30	
2-Methylnaphthalene	1.20	0.17	mg/Kg wet	1.67		71.7	40-140	1.58	30	
Naphthalene	1.10	0.17	mg/Kg wet	1.67		66.3	40-140	0.422	30	
Phenanthrene	1.21	0.17	mg/Kg wet	1.67		72.6	40-140	0.440	30	
Pyrene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140	8.70	30	
Surrogate: Nitrobenzene-d5	*2.48*		mg/Kg wet	3.33		74.4	30-130			
Surrogate: 2-Fluorobiphenyl	*2.52*		mg/Kg wet	3.33		75.6	30-130			
Surrogate: p-Terphenyl-d14	*2.56*		mg/Kg wet	3.33		76.9	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B181836 - SW-846 3540C											
Blank (B181836-BLK1)				Prepared: 07/17/17 Analyzed: 07/20/17							
Aroclor-1016	ND	0.020	mg/Kg wet								R-05
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet								R-05
Aroclor-1221	ND	0.020	mg/Kg wet								
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1232	ND	0.020	mg/Kg wet								
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1242	ND	0.020	mg/Kg wet								
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1248	ND	0.020	mg/Kg wet								
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1254	ND	0.020	mg/Kg wet								
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1260	ND	0.020	mg/Kg wet								R-05
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet								R-05
Aroclor-1262	ND	0.020	mg/Kg wet								
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1268	ND	0.020	mg/Kg wet								
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet								
Surrogate: Decachlorobiphenyl	*0.210*		mg/Kg wet	0.200		105	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.174*		mg/Kg wet	0.200		86.8	30-150				
Surrogate: Tetrachloro-m-xylene	*0.191*		mg/Kg wet	0.200		95.6	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.168*		mg/Kg wet	0.200		84.2	30-150				
LCS (B181836-BS1)				Prepared: 07/17/17 Analyzed: 07/20/17							
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		97.6	40-140				R-05
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		99.0	40-140				R-05
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		90.4	40-140				R-05
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		82.5	40-140				R-05
Surrogate: Decachlorobiphenyl	*0.205*		mg/Kg wet	0.200		103	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.174*		mg/Kg wet	0.200		86.9	30-150				
Surrogate: Tetrachloro-m-xylene	*0.185*		mg/Kg wet	0.200		92.3	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.159*		mg/Kg wet	0.200		79.6	30-150				
LCS Dup (B181836-BSD1)				Prepared: 07/17/17 Analyzed: 07/20/17							
Aroclor-1016	0.12	0.020	mg/Kg wet	0.200		62.4	40-140	**43.9**	*	30	R-05
Aroclor-1016 [2C]	0.13	0.020	mg/Kg wet	0.200		63.1	40-140	**44.2**	*	30	R-05
Aroclor-1260	0.11	0.020	mg/Kg wet	0.200		54.1	40-140	**50.3**	*	30	R-05
Aroclor-1260 [2C]	0.099	0.020	mg/Kg wet	0.200		49.5	40-140	**50.0**	*	30	R-05
Surrogate: Decachlorobiphenyl	*0.113*		mg/Kg wet	0.200		56.3	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.121*		mg/Kg wet	0.200		60.3	30-150				
Surrogate: Tetrachloro-m-xylene	*0.135*		mg/Kg wet	0.200		67.3	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.153*		mg/Kg wet	0.200		76.7	30-150				

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B181836 - SW-846 3540C										
Matrix Spike (B181836-MS1)		**Source: 17G0626-18**		Prepared: 07/17/17 Analyzed: 07/20/17						
Aroclor-1016	0.18	0.11	mg/Kg dry	0.212	ND	86.1	40-140			R-05
Aroclor-1016 [2C]	0.16	0.11	mg/Kg dry	0.212	ND	76.1	40-140			R-05
Aroclor-1260	0.15	0.11	mg/Kg dry	0.212	ND	68.7	40-140			R-05
Aroclor-1260 [2C]	0.14	0.11	mg/Kg dry	0.212	ND	65.6	40-140			R-05
Surrogate: Decachlorobiphenyl	*0.138*		mg/Kg dry	0.212		65.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.154*		mg/Kg dry	0.212		72.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.167*		mg/Kg dry	0.212		78.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg dry	0.212		84.5	30-150			
Matrix Spike Dup (B181836-MSD1)		**Source: 17G0626-18**		Prepared: 07/17/17 Analyzed: 07/20/17						
Aroclor-1016	0.19	0.11	mg/Kg dry	0.212	ND	89.4	40-140	3.76	50	R-05
Aroclor-1016 [2C]	0.16	0.11	mg/Kg dry	0.212	ND	76.6	40-140	0.642	50	R-05
Aroclor-1260	0.15	0.11	mg/Kg dry	0.212	ND	70.9	40-140	3.14	50	R-05
Aroclor-1260 [2C]	0.14	0.11	mg/Kg dry	0.212	ND	67.7	40-140	3.03	50	R-05
Surrogate: Decachlorobiphenyl	*0.146*		mg/Kg dry	0.212		69.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.164*		mg/Kg dry	0.212		77.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.173*		mg/Kg dry	0.212		81.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg dry	0.212		85.9	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182266 - SW-846 3546										
Blank (B182266-BLK1)				Prepared: 07/21/17 Analyzed: 07/24/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.93*		mg/Kg wet	3.33		87.9	50-150			
LCS (B182266-BS1)				Prepared: 07/21/17 Analyzed: 07/24/17						
CT ETPH	25.1	10	mg/Kg wet	33.3		75.3	60-120			
Surrogate: o-Terphenyl	*2.65*		mg/Kg wet	3.33		79.4	50-150			
LCS Dup (B182266-BSD1)				Prepared: 07/21/17 Analyzed: 07/24/17						
CT ETPH	23.8	10	mg/Kg wet	33.3		71.3	60-120	5.50	30	
Surrogate: o-Terphenyl	*2.62*		mg/Kg wet	3.33		78.5	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182155 - SW-846 3050B										
Blank (B182155-BLK1)				Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	ND	2.5	mg/Kg wet							
LCS (B182155-BS1)				Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	52.4	4.9	mg/Kg wet	57.0		92.0	77.8-122.1			
LCS Dup (B182155-BSD1)				Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	54.4	5.0	mg/Kg wet	57.0		95.4	77.8-122.1	3.72	30	
Duplicate (B182155-DUP1)	**Source: 17G0626-08**			Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	115	2.9	mg/Kg dry		117			1.51	35	
Matrix Spike (B182155-MS1)	**Source: 17G0626-08**			Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	149	3.0	mg/Kg dry	29.9	117	105	75-125			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182096 - % Solids										
Duplicate (B182096-DUP1)		**Source: 17G0626-17**		Prepared: 07/20/17 Analyzed: 07/21/17						
% Solids	64.5		% Wt		66.0			2.30	20	
Duplicate (B182096-DUP2)		**Source: 17G0626-18**		Prepared: 07/20/17 Analyzed: 07/21/17						
% Solids	95.4		% Wt		94.5			0.948	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B181836-BS1 Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.20	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.17	5.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B181836-BSD1 Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.12	
	2	0.000	-0.030	0.030	0.13	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.11	
	2	0.000	-0.030	0.030	0.099	10.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B181836-MS1 Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.16	11.8
Aroclor-1260	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.14	6.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B181836-MSD1 Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.16	17.1
Aroclor-1260	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.14	6.9

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Arsenic	CT,NH,NY,ME,VA,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17G0626

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name: Weston + Sampson
Address: 213 Dividend Rd
Phone: 860-513-4473
Project Name: English Station
Project Location: New Haven
Project Number:
Project Manager: Malcolm Beeler
Con-Test Quote Name/Number:
Invoice Recipient: Malcolm Beeler
Sampled By: Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To: BeelerM@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	PCBs Soxhlet	ETPH	SPLP ETPH	SPLP PCBs	PAHs	Arsenic	# of Containers	Preservation Code	Container Code
1	WS-AOC12W-SO-1-1	7/17/17	1040		X	S	U	X								
2	WS-AOC12W-SO-1-2		1042					X								
3	WS-AOC12W-SO-1-3		1044					X								
4	WS-AOC12W-SO-4-1		1127					X								
5	WS-AOC12W-SO-4-2		1129					X								
6	WS-AOC12W-SO-4-3		1131					X								
7	WS-AOC12W-SO-3-1A		1130					X								
8	WS-AOC12W-SO-3-1B		1131						X				X			
9	WS-AOC12W-SO-3-2		1132					X								
10	WS-AOC12W-SO-3-3		1133					X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
Please hold excess volume for possible SPLP analysis

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/17/17	1575
Received by: (signature)	Date/Time:
[signature] 7/17/17	15 15
Relinquished by: (signature)	Date/Time:
[signature] 7/17/17	4.45
Received by: (signature)	Date/Time:
[signature] 7/17/17	1645
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT TSCA, CT RSR
Other

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☒ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

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17G0626

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Doc # 381 Rev 1_03242017

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Company Name: Weston + Sampson
Address:
Phone:
Project Name: English Station
Project Location: New Haven
Project Number:
Project Manager: Malcolm Beeler
Con-Test Quote Name/Number:
Invoice Recipient: Malcolm Beeler
Sampled By: Will Sirotnak

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs soxhlet	SPLP PCBs	ETPH	SPLP ETPH	PAHs	Arsenic	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC12W-SO-6-1	7/17/17	1150		X	S	U	X								
12	WS-AOC12W-SO-6-2	↓	1151		↓	↓	↓	X								
13	WS-AOC12W-SO-6-3		1152					X								
14	WS-AOC12W-SO-8-1A		1145					X								
15	WS-AOC12W-SO-8-1B		1147									X				
16	WS-AOC12W-SO-8-2		1149					X								
17	WS-AOC12W-SO-8-3		1151					X								
18	WS-AOC12W-SO-14-1		1155					X								
19	WS-AOC12W-SO-14-2		1158					X								
20	WS-AOC12W-SO-14-3	↓	1159		↓	↓	↓	X								

Comments:
Please hold excess volume for possible SPLP Analysis. Run WS-AOC12W-14-1 as MS/MSD matrix spike

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 7/17/17 1515	
Received by: (signature)	Date/Time: 7/17/17 1515	
Relinquished by: (signature)	Date/Time: 7/17/17 1645	
Received by: (signature)	Date/Time: 7/17/17 1645	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

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39 Spruce St.
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F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 7/17/17 Time 1645

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 5.8
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	22
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A072517\A0725042.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/25/17
Data File Name	A0725042.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.08	469269	528199	-11
c - 10	1.43	477954	528199	-10
c - 12	2.17	431449	528199	-18
c - 14	2.84	526968	528199	0
c - 16	3.44	546472	528199	3
c - 18	4.02	544933	528199	3
o-Terphenyl	4.31	633988	528199	
c - 20	4.64	558949	528199	6
c - 22	5.16	569101	528199	8
c - 24	5.60	535615	528199	1
c - 26	6.00	566663	528199	7
c - 28	6.36	560787	528199	6
c - 30	6.70	552619	528199	5
c - 32	7.01	532601	528199	1
c - 34	7.30	527781	528199	0
c - 36	7.59	521829	528199	-1

* One compound allowed %D <= 50%

Samples

1G0678-01
17G0678-02
17G0938-01
17G0803-01
17G0639-01
17G0639-02
17G0754-01
17G0780-01
17G0784-16
17G0784-17
17G0784-18
17G0784-20

D:\HPCHEM\1\DATA\A072517\A0725096.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/26/17
Data File Name	A0725096.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.08	434667	494774	-12
c - 10	1.43	431422	494774	-13
c - 12	2.17	456436	494774	-8
c - 14	2.84	474091	494774	-4
c - 16	3.44	492084	494774	-1
c - 18	4.02	491737	494774	-1
o-Terphenyl	4.31	572769	494774	
c - 20	4.64	506573	494774	2
c - 22	5.16	520754	494774	5
c - 24	5.60	492789	494774	0
c - 26	6.00	528658	494774	7
c - 28	6.36	527791	494774	7
c - 30	6.70	531746	494774	7
c - 32	7.01	517946	494774	5
c - 34	7.30	513504	494774	4
c - 36	7.58	501410	494774	1

* One compound allowed %D <= 50%

Samples

17G0780-02
17G0754-02
17G0754-03
17G0754-04
17G0754-05
17G0784-01
17G0784-02
17G0784-05
17G0784-06
17G0784-07
17G0784-08
17G0784-09
17G0784-10
17G0784-11
17G0784-12
17G0784-13

D:\HPCHEM\1\DATA\A072517.SEC\A0725043.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/25/17
Data File Name	A0725043.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	529066	555179	-5
c - 10	1.49	534758	555179	-4
c - 12	2.22	555660	555179	0
c - 14	2.88	567316	555179	2
c - 16	3.48	576001	555179	4
c - 18	4.06	569798	555179	3
o-Terphenyl	4.35	654599	555179	
c - 20	4.67	578039	555179	4
c - 22	5.18	584712	555179	5
c - 24	5.62	543245	555179	-2
c - 26	6.01	569376	555179	3
c - 28	6.37	558962	555179	1
c - 30	6.70	552601	555179	0
c - 32	7.01	535992	555179	-3
c - 34	7.30	536320	555179	-3
c - 36	7.58	535844	555179	-3

* One compound allowed %D </= 50%

Samples

17G0755-01
17G0626-08@5X
17G0786-04
17G0786-05
17G0786-06
17G0786-08

D:\HPCHEM\1\DATA\A072517.SEC\A0725097.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/26/17
Data File Name	A0725097.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	423007	448464	-6
c - 10	1.49	424085	448464	-5
c - 12	2.22	443558	448464	-1
c - 14	2.89	454055	448464	1
c - 16	3.48	463539	448464	3
c - 18	4.06	457315	448464	2
o-Terphenyl	4.36	523389	448464	
c - 20	4.67	464553	448464	4
c - 22	5.18	469869	448464	5
c - 24	5.62	437856	448464	-2
c - 26	6.01	460754	448464	3
c - 28	6.37	453390	448464	1
c - 30	6.70	451107	448464	1
c - 32	7.01	439832	448464	-2
c - 34	7.30	441689	448464	-2
c - 36	7.58	442356	448464	-1

* One compound allowed %D <= 50%

Samples

17G0786-12
17G0785-01
17G0785-02
17G0785-03
17G0785-04
17G0785-07
17G0785-13
17G0785-14

D:\HPCHEM\1\DATA\A072517.SEC\A0725153.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/26/17
Data File Name	A0725153.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	459390	476901	-4
c - 10	1.49	457897	476901	-4
c - 12	2.22	480908	476901	1
c - 14	2.89	485375	476901	2
c - 16	3.48	493163	476901	3
c - 18	4.06	484784	476901	2
o-Terphenyl	4.36	554345	476901	
c - 20	4.67	492008	476901	3
c - 22	5.18	497228	476901	4
c - 24	5.62	462983	476901	-3
c - 26	6.01	487104	476901	2
c - 28	6.37	479218	476901	0
c - 30	6.70	476761	476901	0
c - 32	7.01	464381	476901	-3
c - 34	7.30	465959	476901	-2
c - 36	7.58	466352	476901	-2

* One compound allowed %D <= 50%

Samples

17G0628-02

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: New Haven, CT

Project Number: 17G0626

Laboratory Sample ID(s):

17G0626-01 thru 17G0626-20

Sample Date(s):

07/17/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 8082A, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **07/26/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 26, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: New Haven, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 17G0628

Enclosed are results of analyses for samples received by the laboratory on July 17, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 7/26/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G0628

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC12W-SO-23-1A	17G0628-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-23-1B	17G0628-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
WS-AOC12W-SO-23-2	17G0628-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-23-3	17G0628-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-27-1	17G0628-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-27-2	17G0628-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-27-3	17G0628-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-10-1	17G0628-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-10-2	17G0628-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-10-3	17G0628-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-18-1A	17G0628-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-18-1B	17G0628-12	Soil		SM 2540G	
				SW-846 8270D	
WS-AOC12W-SO-18-2	17G0628-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-18-3	17G0628-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-31-1	17G0628-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-31-2	17G0628-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-31-3	17G0628-17	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-32-1	17G0628-18	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-32-2	17G0628-19	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-32-3	17G0628-20	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only PAHs were requested and reported.

For method 6010, only As was requested and reported.

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SW-846 8270D

Qualifications:

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Benzo(b)fluoranthene
17G0628-12[WS-AOC12W-SO-18-1B], B182275-MS1, B182275-MSD1

Benzo(g,h,i)perylene
17G0628-12[WS-AOC12W-SO-18-1B], B182275-MS1, B182275-MSD1

Indeno(1,2,3-cd)pyrene
17G0628-12[WS-AOC12W-SO-18-1B], B182275-MS1, B182275-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Benzo(a)pyrene
B182275-MSD1

Benzo(k)fluoranthene
B182275-MSD1

Chrysene
B182275-MS1

Dibenz(a,h)anthracene
B182275-MSD1

Fluoranthene
B182275-MS1

Naphthalene
B182275-MS1

MS-23

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

2-Methylnaphthalene
B182275-MS1

Phenanthrene
B182275-MS1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

2-Methylnaphthalene
17G0628-12[WS-AOC12W-SO-18-1B], B182275-MSD1

Benzo(g,h,i)perylene
17G0628-12[WS-AOC12W-SO-18-1B], B182275-MS1, B182275-MSD1

Indeno(1,2,3-cd)pyrene
17G0628-12[WS-AOC12W-SO-18-1B], B182275-MS1, B182275-MSD1

Phenanthrene
17G0628-12[WS-AOC12W-SO-18-1B], B182275-MSD1

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SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-23-1A
Sampled: 7/17/2017 12:03
Sample ID: 17G0628-01
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:30	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		7/20/17 16:30
Decachlorobiphenyl [2]	101	30-150		7/20/17 16:30
Tetrachloro-m-xylene [1]	77.9	30-150		7/20/17 16:30
Tetrachloro-m-xylene [2]	83.9	30-150		7/20/17 16:30

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-23-1A
Sampled: 7/17/2017 12:03

Sample ID: 17G0628-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-23-1B
Sampled: 7/17/2017 12:05

Sample ID: 17G0628-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	98	11	mg/Kg dry	1		CTDEP ETPH	7/21/17	7/26/17 9:52	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	74.9	50-150		7/26/17 9:52

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-23-1B
Sampled: 7/17/2017 12:05
Sample ID: 17G0628-02
Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	210	2.8	mg/Kg dry	1		SW-846 6010C-D	7/20/17	7/24/17 5:05	QNW

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-23-1B
Sampled: 7/17/2017 12:05

Sample ID: 17G0628-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.5		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-23-2
Sampled: 7/17/2017 12:07

Sample ID: 17G0628-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:42	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	103	30-150		7/20/17 16:42
Decachlorobiphenyl [2]	102	30-150		7/20/17 16:42
Tetrachloro-m-xylene [1]	77.3	30-150		7/20/17 16:42
Tetrachloro-m-xylene [2]	84.1	30-150		7/20/17 16:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-23-2
Sampled: 7/17/2017 12:07

Sample ID: 17G0628-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT | Sample Description: | Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-23-3 | Sampled: 7/17/2017 12:09

Sample ID: 17G0628-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 16:54	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		7/20/17 16:54
Decachlorobiphenyl [2]	104	30-150		7/20/17 16:54
Tetrachloro-m-xylene [1]	77.9	30-150		7/20/17 16:54
Tetrachloro-m-xylene [2]	84.8	30-150		7/20/17 16:54

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-23-3
Sampled: 7/17/2017 12:09

Sample ID: 17G0628-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.7		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-27-1
Sampled: 7/17/2017 12:22
Sample ID: 17G0628-05
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:06	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		7/20/17 17:06
Decachlorobiphenyl [2]	105	30-150		7/20/17 17:06
Tetrachloro-m-xylene [1]	82.2	30-150		7/20/17 17:06
Tetrachloro-m-xylene [2]	88.9	30-150		7/20/17 17:06

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-27-1
Sampled: 7/17/2017 12:22

Sample ID: 17G0628-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.0		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT | Sample Description: | Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-27-2 | Sampled: 7/17/2017 12:24

Sample ID: 17G0628-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:19	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.6	30-150		7/20/17 17:19
Decachlorobiphenyl [2]	96.8	30-150		7/20/17 17:19
Tetrachloro-m-xylene [1]	74.0	30-150		7/20/17 17:19
Tetrachloro-m-xylene [2]	80.5	30-150		7/20/17 17:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-27-2
Sampled: 7/17/2017 12:24

Sample ID: 17G0628-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-27-3
Sampled: 7/17/2017 12:26
Sample ID: 17G0628-07
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:31	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.0	30-150		7/20/17 17:31
Decachlorobiphenyl [2]	100	30-150		7/20/17 17:31
Tetrachloro-m-xylene [1]	76.2	30-150		7/20/17 17:31
Tetrachloro-m-xylene [2]	82.6	30-150		7/20/17 17:31

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-27-3
Sampled: 7/17/2017 12:26

Sample ID: 17G0628-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-10-1
Sampled: 7/17/2017 12:31
Sample ID: 17G0628-08
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 17:43	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.3	30-150		7/20/17 17:43
Decachlorobiphenyl [2]	96.7	30-150		7/20/17 17:43
Tetrachloro-m-xylene [1]	75.6	30-150		7/20/17 17:43
Tetrachloro-m-xylene [2]	83.1	30-150		7/20/17 17:43

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-10-1
Sampled: 7/17/2017 12:31
Sample ID: 17G0628-08
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-10-2 | Sampled: 7/17/2017 12:32

Sample ID: 17G0628-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:32	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.6	30-150		7/20/17 18:32
Decachlorobiphenyl [2]	85.6	30-150		7/20/17 18:32
Tetrachloro-m-xylene [1]	70.0	30-150		7/20/17 18:32
Tetrachloro-m-xylene [2]	76.9	30-150		7/20/17 18:32

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-10-2
Sampled: 7/17/2017 12:32

Sample ID: 17G0628-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-10-3 | Sampled: 7/17/2017 12:33

Sample ID: 17G0628-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:44	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.5	30-150		7/20/17 18:44
Decachlorobiphenyl [2]	93.0	30-150		7/20/17 18:44
Tetrachloro-m-xylene [1]	68.8	30-150		7/20/17 18:44
Tetrachloro-m-xylene [2]	74.1	30-150		7/20/17 18:44

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-10-3
Sampled: 7/17/2017 12:33
Sample ID: 17G0628-10
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.2		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-18-1A
Sampled: 7/17/2017 12:56

Sample ID: 17G0628-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 18:57	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.6	30-150		7/20/17 18:57
Decachlorobiphenyl [2]	99.0	30-150		7/20/17 18:57
Tetrachloro-m-xylene [1]	79.9	30-150		7/20/17 18:57
Tetrachloro-m-xylene [2]	86.6	30-150		7/20/17 18:57

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-18-1A
Sampled: 7/17/2017 12:56

Sample ID: 17G0628-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.9		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-18-1B
Sampled: 7/17/2017 12:57

Sample ID: 17G0628-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Benzo(a)anthracene	0.81	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Benzo(a)pyrene	0.46	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Benzo(b)fluoranthene	0.75	0.21	mg/Kg dry	1	MS-09	SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Benzo(g,h,i)perylene	0.44	0.21	mg/Kg dry	1	MS-09, R-06	SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Benzo(k)fluoranthene	0.24	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Chrysene	1.5	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Fluoranthene	1.4	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Indeno(1,2,3-cd)pyrene	0.36	0.21	mg/Kg dry	1	MS-09, R-06	SW-846 8270D	7/21/17	7/24/17 16:01	BGL
2-Methylnaphthalene	1.2	0.21	mg/Kg dry	1	R-06	SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Naphthalene	0.69	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Phenanthrene	2.6	0.21	mg/Kg dry	1	R-06	SW-846 8270D	7/21/17	7/24/17 16:01	BGL
Pyrene	1.6	0.21	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:01	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	66.9	30-130		7/24/17 16:01
2-Fluorobiphenyl	67.6	30-130		7/24/17 16:01
p-Terphenyl-d14	98.4	30-130		7/24/17 16:01

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-18-1B
Sampled: 7/17/2017 12:57

Sample ID: 17G0628-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.0		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-18-2
Sampled: 7/17/2017 12:58
Sample ID: 17G0628-13
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:09	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.1	30-150		7/20/17 19:09
Decachlorobiphenyl [2]	86.2	30-150		7/20/17 19:09
Tetrachloro-m-xylene [1]	67.3	30-150		7/20/17 19:09
Tetrachloro-m-xylene [2]	74.1	30-150		7/20/17 19:09

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-18-2
Sampled: 7/17/2017 12:58

Sample ID: 17G0628-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-18-3
Sampled: 7/17/2017 12:59
Sample ID: 17G0628-14
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:21	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.3	30-150		7/20/17 19:21
Decachlorobiphenyl [2]	95.8	30-150		7/20/17 19:21
Tetrachloro-m-xylene [1]	76.6	30-150		7/20/17 19:21
Tetrachloro-m-xylene [2]	83.2	30-150		7/20/17 19:21

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-18-3
Sampled: 7/17/2017 12:59
Sample ID: 17G0628-14
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.4		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-31-1
Sampled: 7/17/2017 12:46
Sample ID: 17G0628-15
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:33	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	64.8	30-150		7/20/17 19:33
Decachlorobiphenyl [2]	67.0	30-150		7/20/17 19:33
Tetrachloro-m-xylene [1]	56.3	30-150		7/20/17 19:33
Tetrachloro-m-xylene [2]	61.9	30-150		7/20/17 19:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-31-1
Sampled: 7/17/2017 12:46

Sample ID: 17G0628-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-31-2
Sampled: 7/17/2017 12:48
Sample ID: 17G0628-16
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:46	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.7	30-150		7/20/17 19:46
Decachlorobiphenyl [2]	80.5	30-150		7/20/17 19:46
Tetrachloro-m-xylene [1]	70.1	30-150		7/20/17 19:46
Tetrachloro-m-xylene [2]	75.9	30-150		7/20/17 19:46

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-31-2
Sampled: 7/17/2017 12:48
Sample ID: 17G0628-16
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-31-3
Sampled: 7/17/2017 12:50
Sample ID: 17G0628-17
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 19:58	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.0	30-150		7/20/17 19:58
Decachlorobiphenyl [2]	93.6	30-150		7/20/17 19:58
Tetrachloro-m-xylene [1]	79.5	30-150		7/20/17 19:58
Tetrachloro-m-xylene [2]	86.1	30-150		7/20/17 19:58

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-31-3
Sampled: 7/17/2017 12:50

Sample ID: 17G0628-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-32-1
Sampled: 7/17/2017 13:07

Sample ID: 17G0628-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:10	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.6	30-150		7/20/17 20:10
Decachlorobiphenyl [2]	94.9	30-150		7/20/17 20:10
Tetrachloro-m-xylene [1]	81.6	30-150		7/20/17 20:10
Tetrachloro-m-xylene [2]	88.3	30-150		7/20/17 20:10

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-32-1
Sampled: 7/17/2017 13:07
Sample ID: 17G0628-18
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.2		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-32-2
Sampled: 7/17/2017 13:09
Sample ID: 17G0628-19
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:22	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	39.2	30-150		7/20/17 20:22
Decachlorobiphenyl [2]	46.6	30-150		7/20/17 20:22
Tetrachloro-m-xylene [1]	36.9	30-150		7/20/17 20:22
Tetrachloro-m-xylene [2]	40.8	30-150		7/20/17 20:22

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-32-2
Sampled: 7/17/2017 13:09

Sample ID: 17G0628-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.2		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-32-3
Sampled: 7/17/2017 13:11
Sample ID: 17G0628-20
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/17/17	7/20/17 20:35	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.4	30-150		7/20/17 20:35
Decachlorobiphenyl [2]	96.1	30-150		7/20/17 20:35
Tetrachloro-m-xylene [1]	82.1	30-150		7/20/17 20:35
Tetrachloro-m-xylene [2]	88.3	30-150		7/20/17 20:35

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0628

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-32-3
Sampled: 7/17/2017 13:11

Sample ID: 17G0628-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0628-02 [WS-AOC12W-SO-23-1B]	B182266	30.0	1.00	07/21/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G0628-01 [WS-AOC12W-SO-23-1A]	B182096	07/20/17
17G0628-02 [WS-AOC12W-SO-23-1B]	B182096	07/20/17
17G0628-03 [WS-AOC12W-SO-23-2]	B182096	07/20/17
17G0628-04 [WS-AOC12W-SO-23-3]	B182096	07/20/17
17G0628-05 [WS-AOC12W-SO-27-1]	B182096	07/20/17
17G0628-06 [WS-AOC12W-SO-27-2]	B182096	07/20/17
17G0628-07 [WS-AOC12W-SO-27-3]	B182096	07/20/17
17G0628-08 [WS-AOC12W-SO-10-1]	B182096	07/20/17
17G0628-09 [WS-AOC12W-SO-10-2]	B182096	07/20/17
17G0628-10 [WS-AOC12W-SO-10-3]	B182096	07/20/17
17G0628-11 [WS-AOC12W-SO-18-1A]	B182096	07/20/17
17G0628-12 [WS-AOC12W-SO-18-1B]	B182096	07/20/17
17G0628-13 [WS-AOC12W-SO-18-2]	B182096	07/20/17
17G0628-14 [WS-AOC12W-SO-18-3]	B182096	07/20/17
17G0628-15 [WS-AOC12W-SO-31-1]	B182096	07/20/17
17G0628-16 [WS-AOC12W-SO-31-2]	B182096	07/20/17
17G0628-17 [WS-AOC12W-SO-31-3]	B182096	07/20/17
17G0628-18 [WS-AOC12W-SO-32-1]	B182096	07/20/17
17G0628-19 [WS-AOC12W-SO-32-2]	B182096	07/20/17
17G0628-20 [WS-AOC12W-SO-32-3]	B182096	07/20/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0628-02 [WS-AOC12W-SO-23-1B]	B182155	1.01	50.0	07/20/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0628-01 [WS-AOC12W-SO-23-1A]	B181837	10.0	10.0	07/17/17
17G0628-03 [WS-AOC12W-SO-23-2]	B181837	10.0	10.0	07/17/17
17G0628-04 [WS-AOC12W-SO-23-3]	B181837	10.0	10.0	07/17/17
17G0628-05 [WS-AOC12W-SO-27-1]	B181837	10.0	10.0	07/17/17
17G0628-06 [WS-AOC12W-SO-27-2]	B181837	10.0	10.0	07/17/17
17G0628-07 [WS-AOC12W-SO-27-3]	B181837	10.0	10.0	07/17/17
17G0628-08 [WS-AOC12W-SO-10-1]	B181837	10.0	10.0	07/17/17
17G0628-09 [WS-AOC12W-SO-10-2]	B181837	10.0	10.0	07/17/17
17G0628-10 [WS-AOC12W-SO-10-3]	B181837	10.0	10.0	07/17/17
17G0628-11 [WS-AOC12W-SO-18-1A]	B181837	10.0	10.0	07/17/17
17G0628-13 [WS-AOC12W-SO-18-2]	B181837	10.0	10.0	07/17/17
17G0628-14 [WS-AOC12W-SO-18-3]	B181837	10.0	10.0	07/17/17
17G0628-15 [WS-AOC12W-SO-31-1]	B181837	10.0	10.0	07/17/17
17G0628-16 [WS-AOC12W-SO-31-2]	B181837	10.0	10.0	07/17/17
17G0628-17 [WS-AOC12W-SO-31-3]	B181837	10.0	10.0	07/17/17
17G0628-18 [WS-AOC12W-SO-32-1]	B181837	10.0	10.0	07/17/17
17G0628-19 [WS-AOC12W-SO-32-2]	B181837	10.0	10.0	07/17/17

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0628-20 [WS-AOC12W-SO-32-3]	B181837	10.0	10.0	07/17/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G0628-12 [WS-AOC12W-SO-18-1B]	B182275	30.0	1.00	07/21/17

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182275 - SW-846 3546										
Blank (B182275-BLK1)				Prepared: 07/21/17 Analyzed: 07/24/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.42*		mg/Kg wet	3.33		72.5	30-130			
Surrogate: 2-Fluorobiphenyl	*2.43*		mg/Kg wet	3.33		72.8	30-130			
Surrogate: p-Terphenyl-d14	*2.94*		mg/Kg wet	3.33		88.3	30-130			
LCS (B182275-BS1)				Prepared: 07/21/17 Analyzed: 07/24/17						
Acenaphthene	1.14	0.17	mg/Kg wet	1.67		68.7	40-140			
Acenaphthylene	1.11	0.17	mg/Kg wet	1.67		66.7	40-140			
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.1	40-140			
Benzo(a)anthracene	1.24	0.17	mg/Kg wet	1.67		74.2	40-140			
Benzo(a)pyrene	1.25	0.17	mg/Kg wet	1.67		75.1	40-140			
Benzo(b)fluoranthene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140			
Benzo(g,h,i)perylene	1.50	0.17	mg/Kg wet	1.67		90.0	40-140			
Benzo(k)fluoranthene	1.18	0.17	mg/Kg wet	1.67		70.9	40-140			
Chrysene	1.22	0.17	mg/Kg wet	1.67		73.0	40-140			
Dibenz(a,h)anthracene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140			
Fluoranthene	1.18	0.17	mg/Kg wet	1.67		70.9	40-140			
Fluorene	1.16	0.17	mg/Kg wet	1.67		69.7	40-140			
Indeno(1,2,3-cd)pyrene	1.40	0.17	mg/Kg wet	1.67		84.0	40-140			
2-Methylnaphthalene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140			
Naphthalene	1.03	0.17	mg/Kg wet	1.67		61.8	40-140			
Phenanthrene	1.23	0.17	mg/Kg wet	1.67		73.7	40-140			
Pyrene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140			
Surrogate: Nitrobenzene-d5	*2.44*		mg/Kg wet	3.33		73.1	30-130			
Surrogate: 2-Fluorobiphenyl	*2.66*		mg/Kg wet	3.33		79.9	30-130			
Surrogate: p-Terphenyl-d14	*2.80*		mg/Kg wet	3.33		84.0	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B182275 - SW-846 3546											
LCS Dup (B182275-BSD1)				Prepared: 07/21/17 Analyzed: 07/24/17							
Acenaphthene	1.03	0.17	mg/Kg wet	1.67		61.7		40-140	10.7	30	
Acenaphthylene	1.00	0.17	mg/Kg wet	1.67		60.2		40-140	10.2	30	
Anthracene	1.06	0.17	mg/Kg wet	1.67		63.9		40-140	13.4	30	
Benzo(a)anthracene	1.09	0.17	mg/Kg wet	1.67		65.6		40-140	12.4	30	
Benzo(a)pyrene	1.09	0.17	mg/Kg wet	1.67		65.5		40-140	13.7	30	
Benzo(b)fluoranthene	1.02	0.17	mg/Kg wet	1.67		61.1		40-140	12.3	30	
Benzo(g,h,i)perylene	1.27	0.17	mg/Kg wet	1.67		76.4		40-140	16.3	30	
Benzo(k)fluoranthene	1.02	0.17	mg/Kg wet	1.67		61.2		40-140	14.7	30	
Chrysene	1.08	0.17	mg/Kg wet	1.67		65.0		40-140	11.7	30	
Dibenz(a,h)anthracene	1.21	0.17	mg/Kg wet	1.67		72.7		40-140	15.0	30	
Fluoranthene	1.05	0.17	mg/Kg wet	1.67		63.0		40-140	11.9	30	
Fluorene	1.03	0.17	mg/Kg wet	1.67		61.8		40-140	11.9	30	
Indeno(1,2,3-cd)pyrene	1.18	0.17	mg/Kg wet	1.67		70.7		40-140	17.3	30	
2-Methylnaphthalene	1.03	0.17	mg/Kg wet	1.67		61.7		40-140	8.86	30	
Naphthalene	0.990	0.17	mg/Kg wet	1.67		59.4		40-140	4.03	30	
Phenanthrene	1.07	0.17	mg/Kg wet	1.67		64.0		40-140	14.0	30	
Pyrene	1.03	0.17	mg/Kg wet	1.67		61.9		40-140	13.3	30	
Surrogate: Nitrobenzene-d5	*2.28*		mg/Kg wet	3.33		68.4		30-130			
Surrogate: 2-Fluorobiphenyl	*2.36*		mg/Kg wet	3.33		70.8		30-130			
Surrogate: p-Terphenyl-d14	*2.43*		mg/Kg wet	3.33		72.8		30-130			
Matrix Spike (B182275-MS1)		**Source: 17G0628-12**		Prepared: 07/21/17 Analyzed: 07/24/17							
Acenaphthene	1.25	0.21	mg/Kg dry	2.08	ND	60.1		40-140			
Acenaphthylene	1.18	0.21	mg/Kg dry	2.08	ND	56.4		40-140			
Anthracene	1.29	0.21	mg/Kg dry	2.08	ND	62.0		40-140			
Benzo(a)anthracene	1.68	0.21	mg/Kg dry	2.08	0.812	41.9		40-140			
Benzo(a)pyrene	1.33	0.21	mg/Kg dry	2.08	0.460	41.8		40-140			
Benzo(b)fluoranthene	1.42	0.21	mg/Kg dry	2.08	0.752	**31.9**	*	40-140			MS-09
Benzo(g,h,i)perylene	1.08	0.21	mg/Kg dry	2.08	0.445	**30.7**	*	40-140			MS-09, R-06
Benzo(k)fluoranthene	1.19	0.21	mg/Kg dry	2.08	0.236	45.9		40-140			
Chrysene	1.91	0.21	mg/Kg dry	2.08	1.51	**19.1**	*	40-140			MS-22
Dibenz(a,h)anthracene	1.13	0.21	mg/Kg dry	2.08	0.164	46.3		40-140			
Fluoranthene	1.85	0.21	mg/Kg dry	2.08	1.41	**21.3**	*	40-140			MS-22
Fluorene	1.26	0.21	mg/Kg dry	2.08	ND	60.6		40-140			
Indeno(1,2,3-cd)pyrene	1.08	0.21	mg/Kg dry	2.08	0.365	**34.3**	*	40-140			MS-09, R-06
2-Methylnaphthalene	1.59	0.21	mg/Kg dry	2.08	1.16	**20.6**	*	40-140			MS-23
Naphthalene	1.41	0.21	mg/Kg dry	2.08	0.689	**34.5**	*	40-140			MS-22
Phenanthrene	2.32	0.21	mg/Kg dry	2.08	2.63	**-14.5**	*	40-140			MS-23
Pyrene	2.63	0.21	mg/Kg dry	2.08	1.58	50.8		40-140			
Surrogate: Nitrobenzene-d5	*2.79*		mg/Kg dry	4.17		67.0		30-130			
Surrogate: 2-Fluorobiphenyl	*2.83*		mg/Kg dry	4.17		67.8		30-130			
Surrogate: p-Terphenyl-d14	*4.15*		mg/Kg dry	4.17		99.6		30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B182275 - SW-846 3546												
Matrix Spike Dup (B182275-MSD1)		**Source: 17G0628-12**		Prepared: 07/21/17 Analyzed: 07/24/17								
Acenaphthene	1.24	0.21	mg/Kg dry	2.08	ND	59.4		40-140	1.07		30	
Acenaphthylene	1.06	0.21	mg/Kg dry	2.08	ND	50.7		40-140	10.7		30	
Anthracene	1.24	0.21	mg/Kg dry	2.08	ND	59.5		40-140	4.18		30	
Benzo(a)anthracene	1.75	0.21	mg/Kg dry	2.08	0.812	44.8		40-140	3.57		30	
Benzo(a)pyrene	1.12	0.21	mg/Kg dry	2.08	0.460	**31.8**	*	40-140	16.9		30	MS-22
Benzo(b)fluoranthene	1.48	0.21	mg/Kg dry	2.08	0.752	**35.0**	*	40-140	4.43		30	MS-09
Benzo(g,h,i)perylene	0.757	0.21	mg/Kg dry	2.08	0.445	**15.0**	*	40-140	**35.5**	*	30	MS-09, R-06
Benzo(k)fluoranthene	1.04	0.21	mg/Kg dry	2.08	0.236	**38.7**	*	40-140	13.3		30	MS-22
Chrysene	2.51	0.21	mg/Kg dry	2.08	1.51	48.0		40-140	27.3		30	
Dibenz(a,h)anthracene	0.845	0.21	mg/Kg dry	2.08	0.164	**32.7**	*	40-140	28.7		30	MS-22
Fluoranthene	2.46	0.21	mg/Kg dry	2.08	1.41	50.7		40-140	28.5		30	
Fluorene	1.28	0.21	mg/Kg dry	2.08	ND	61.3		40-140	1.05		30	
Indeno(1,2,3-cd)pyrene	0.755	0.21	mg/Kg dry	2.08	0.365	**18.7**	*	40-140	**35.4**	*	30	MS-09, R-06
2-Methylnaphthalene	2.29	0.21	mg/Kg dry	2.08	1.16	54.3		40-140	**36.3**	*	30	R-06
Naphthalene	1.83	0.21	mg/Kg dry	2.08	0.689	54.9		40-140	26.2		30	
Phenanthrene	4.19	0.21	mg/Kg dry	2.08	2.63	74.9		40-140	**57.2**	*	30	R-06
Pyrene	3.38	0.21	mg/Kg dry	2.08	1.58	86.7		40-140	24.9		30	
Surrogate: Nitrobenzene-d5	*2.76*		mg/Kg dry	4.17		66.2		30-130				
Surrogate: 2-Fluorobiphenyl	*2.67*		mg/Kg dry	4.17		64.1		30-130				
Surrogate: p-Terphenyl-d14	*4.29*		mg/Kg dry	4.17		103		30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B181837 - SW-846 3540C										
Blank (B181837-BLK1)				Prepared: 07/17/17 Analyzed: 07/20/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.221*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene	*0.173*		mg/Kg wet	0.200		86.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.6	30-150			
LCS (B181837-BS1)				Prepared: 07/17/17 Analyzed: 07/20/17						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		79.4	40-140			
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		88.2	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		79.6	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		78.9	40-140			
Surrogate: Decachlorobiphenyl	*0.213*		mg/Kg wet	0.200		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.205*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.162*		mg/Kg wet	0.200		80.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.168*		mg/Kg wet	0.200		84.1	30-150			
LCS Dup (B181837-BSD1)				Prepared: 07/17/17 Analyzed: 07/20/17						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		80.8	40-140	1.72	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		89.9	40-140	1.86	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		85.0	40-140	6.52	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		83.9	40-140	6.10	30	
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.156*		mg/Kg wet	0.200		77.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.162*		mg/Kg wet	0.200		81.0	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B181837 - SW-846 3540C										
Matrix Spike (B181837-MS1)		**Source: 17G0628-01**		Prepared: 07/17/17 Analyzed: 07/20/17						
Aroclor-1016	0.20	0.11	mg/Kg dry	0.222	ND	88.4	40-140			
Aroclor-1016 [2C]	0.20	0.11	mg/Kg dry	0.222	ND	91.9	40-140			
Aroclor-1260	0.18	0.11	mg/Kg dry	0.222	ND	81.8	40-140			
Aroclor-1260 [2C]	0.18	0.11	mg/Kg dry	0.222	ND	81.7	40-140			
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg dry	0.222		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.209*		mg/Kg dry	0.222		93.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg dry	0.222		77.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg dry	0.222		83.6	30-150			
Matrix Spike Dup (B181837-MSD1)		**Source: 17G0628-01**		Prepared: 07/17/17 Analyzed: 07/20/17						
Aroclor-1016	0.20	0.11	mg/Kg dry	0.222	ND	88.1	40-140	0.346	50	
Aroclor-1016 [2C]	0.20	0.11	mg/Kg dry	0.222	ND	91.3	40-140	0.644	50	
Aroclor-1260	0.18	0.11	mg/Kg dry	0.222	ND	81.7	40-140	0.190	50	
Aroclor-1260 [2C]	0.18	0.11	mg/Kg dry	0.222	ND	82.2	40-140	0.644	50	
Surrogate: Decachlorobiphenyl	*0.208*		mg/Kg dry	0.222		93.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.209*		mg/Kg dry	0.222		93.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.168*		mg/Kg dry	0.222		75.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.181*		mg/Kg dry	0.222		81.4	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182266 - SW-846 3546										
Blank (B182266-BLK1)				Prepared: 07/21/17 Analyzed: 07/24/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.93*		mg/Kg wet	3.33		87.9	50-150			
LCS (B182266-BS1)				Prepared: 07/21/17 Analyzed: 07/24/17						
CT ETPH	25.1	10	mg/Kg wet	33.3		75.3	60-120			
Surrogate: o-Terphenyl	*2.65*		mg/Kg wet	3.33		79.4	50-150			
LCS Dup (B182266-BSD1)				Prepared: 07/21/17 Analyzed: 07/24/17						
CT ETPH	23.8	10	mg/Kg wet	33.3		71.3	60-120	5.50	30	
Surrogate: o-Terphenyl	*2.62*		mg/Kg wet	3.33		78.5	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182155 - SW-846 3050B										
Blank (B182155-BLK1)				Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	ND	2.5	mg/Kg wet							
LCS (B182155-BS1)				Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	52.4	4.9	mg/Kg wet	57.0		92.0	77.8-122.1			
LCS Dup (B182155-BSD1)				Prepared: 07/20/17 Analyzed: 07/24/17						
Arsenic	54.4	5.0	mg/Kg wet	57.0		95.4	77.8-122.1	3.72	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182096 - % Solids										
Duplicate (B182096-DUP3)		**Source: 17G0628-10**		Prepared: 07/20/17 Analyzed: 07/21/17						
% Solids	81.5		% Wt		82.2			0.855	20	
Duplicate (B182096-DUP4)		**Source: 17G0628-11**		Prepared: 07/20/17 Analyzed: 07/21/17						
% Solids	93.6		% Wt		94.9			1.38	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B181837-BS1

Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.18	11.8
Aroclor-1260	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.16	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B181837-BSD1 Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.16	
	2	0.000	-0.030	0.030	0.18	11.8
Aroclor-1260	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.17	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B181837-MS1 Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.20	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B181837-MSD1 Date(s) Analyzed: 07/20/2017 07/20/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.20	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Arsenic	CT,NH,NY,ME,VA,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

1760628

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http://www.contestlabs.com

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other:
CLP Like Data Pkg Required: [ ]
Email To:
Fax To #:

Company Name: Weston + Sampson
Address:
Phone:
Project Name: English Station
Project Location: New Haven
Project Number:
Project Manager: Malcolm Beeler
Con-Test Quote Name/Number:
Invoice Recipient: Malcolm Beeler
Sampled By:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs Soxhlet	SPLP PCBs	ETPH	SPLP ETPH	PAHs	Arsenic	# of Containers	[2] Preservation Code	[3] Container Code
1	WS-AOC12W-SO-23-1A	7/17/17	1203		X	S	U	X								
2	WS-AOC12W-SO-23-1B		1205							X			X			
3	WS-AOC12W-SO-23-2		1207					X								
4	WS-AOC12W-SO-23-3		1209					X								
5	WS-AOC12W-SO-27-1		1222					X								
6	WS-AOC12W-SO-27-2		1224					X								
7	WS-AOC12W-SO-27-3		1226					X								
8	WS-AOC12W-SO-10-1		1231					X								
9	WS-AOC12W-SO-10-2		1232					X								
10	WS-AOC12W-SO-10-3		1233					X								

Comments:

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
- O Field Filtered
- O Lab to Filter

Orthophosphate Samples
- O Field Filtered
- O Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 7/17/17 1515
Received by: (signature)	Date/Time: 7/17/17 1515
Relinquished by: (signature)	Date/Time: 7/17/17 445
Received by: (signature)	Date/Time: 7/17/17 1645
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT
Other:

Special Requirements
- [ ] MA MCP Required
- MCP Certification Form Required
- [ ] CT RCP Required
- RCP Certification Form Required
- [ ] MA State DW Required
- PWSID #

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Project Entity
- [ ] Government
- [ ] Municipality
- [ ] MWRA
- [ ] WRTA
- [ ] Federal
- [ ] 21 J
- [ ] School
- [ ] City
- [ ] Brownfield
- [ ] MBTA

Other
- [ ] Chromatogram
- [ ] AIHA-LAP,LLC

PCB ONLY
- [X] Soxhlet
- [ ]

1740628

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Doc # 381 Rev 1_03242017

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name: Weston + Sampson
Address: 273 Dividend Rd
Phone:
Project Name: English Station
Project Location: New Haven
Project Number:
Project Manager: Malcolm Beeler
Con-Test Quote Name/Number:
Invoice Recipient: Malcolm Beeler
Sampled By: Will Sirotnak

Requested Turnaround Time
7-Day ☒ 10-Day ☐
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs Soxhlet	SPLP PCBs	ETPH	SPLP ETPH	PAHs	Arsenic	# of Containers	[2]Preservation Code	[3]Container Code
11	WS-AOC12W-SO-18-1A	7/17/17	1256		X	S	U	X								
12	WS-AOC12W-SO-18-1B		1257									X				
13	WS-AOC12W-SO-18-2		1258					X								
14	WS-AOC12W-SO-18-3		1259					X								
15	WS-AOC12W-SO-31-1		1246					X								
16	WS-AOC12W-SO-31-2		1248					X								
17	WS-AOC12W-SO-31-3		1250					X								
18	WS-AOC12W-SO-32-1		1307					X								
19	WS-AOC12W-SO-32-2		1309					X								
20	WS-AOC12-SO-32-3		1311					X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature) 7/17/17	1515
Received by: (signature) 7/17/17	1515
Relinquished by: (signature) 7/17/17	1645
Received by: (signature) 7/17/17	1645
Relinquished by: (signature)	
Received by: (signature)	

Detection Limit Requirements
MA
GW
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☒ Soxhlet
☐

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 7/17/17 Time 1645

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 5.8
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	22
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A072517\A0725042.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/25/17
Data File Name	A0725042.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.08	469269	528199	-11
c - 10	1.43	477954	528199	-10
c - 12	2.17	431449	528199	-18
c - 14	2.84	526968	528199	0
c - 16	3.44	546472	528199	3
c - 18	4.02	544933	528199	3
o-Terphenyl	4.31	633988	528199	
c - 20	4.64	558949	528199	6
c - 22	5.16	569101	528199	8
c - 24	5.60	535615	528199	1
c - 26	6.00	566663	528199	7
c - 28	6.36	560787	528199	6
c - 30	6.70	552619	528199	5
c - 32	7.01	532601	528199	1
c - 34	7.30	527781	528199	0
c - 36	7.59	521829	528199	-1

* One compound allowed %D <= 50%

Samples

1G0678-01
17G0678-02
17G0938-01
17G0803-01
17G0639-01
17G0639-02
17G0754-01
17G0780-01
17G0784-16
17G0784-17
17G0784-18
17G0784-20

D:\HPCHEM\1\DATA\A072517\A0725096.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/26/17
Data File Name	A0725096.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.08	434667	494774	-12
c - 10	1.43	431422	494774	-13
c - 12	2.17	456436	494774	-8
c - 14	2.84	474091	494774	-4
c - 16	3.44	492084	494774	-1
c - 18	4.02	491737	494774	-1
o-Terphenyl	4.31	572769	494774	
c - 20	4.64	506573	494774	2
c - 22	5.16	520754	494774	5
c - 24	5.60	492789	494774	0
c - 26	6.00	528658	494774	7
c - 28	6.36	527791	494774	7
c - 30	6.70	531746	494774	7
c - 32	7.01	517946	494774	5
c - 34	7.30	513504	494774	4
c - 36	7.58	501410	494774	1

* One compound allowed %D <= 50%

Samples

17G0780-02
17G0754-02
17G0754-03
17G0754-04
17G0754-05
17G0784-01
17G0784-02
17G0784-05
17G0784-06
17G0784-07
17G0784-08
17G0784-09
17G0784-10
17G0784-11
17G0784-12
17G0784-13

D:\HPCHEM\1\DATA\A072517.SEC\A0725043.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/25/17
Data File Name	A0725043.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	529066	555179	-5
c - 10	1.49	534758	555179	-4
c - 12	2.22	555660	555179	0
c - 14	2.88	567316	555179	2
c - 16	3.48	576001	555179	4
c - 18	4.06	569798	555179	3
o-Terphenyl	4.35	654599	555179	
c - 20	4.67	578039	555179	4
c - 22	5.18	584712	555179	5
c - 24	5.62	543245	555179	-2
c - 26	6.01	569376	555179	3
c - 28	6.37	558962	555179	1
c - 30	6.70	552601	555179	0
c - 32	7.01	535992	555179	-3
c - 34	7.30	536320	555179	-3
c - 36	7.58	535844	555179	-3

* One compound allowed %D </= 50%

Samples

17G0755-01
17G0626-08@5X
17G0786-04
17G0786-05
17G0786-06
17G0786-08

D:\HPCHEM\1\DATA\A072517.SEC\A0725097.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/26/17
Data File Name	A0725097.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	423007	448464	-6
c - 10	1.49	424085	448464	-5
c - 12	2.22	443558	448464	-1
c - 14	2.89	454055	448464	1
c - 16	3.48	463539	448464	3
c - 18	4.06	457315	448464	2
o-Terphenyl	4.36	523389	448464	
c - 20	4.67	464553	448464	4
c - 22	5.18	469869	448464	5
c - 24	5.62	437856	448464	-2
c - 26	6.01	460754	448464	3
c - 28	6.37	453390	448464	1
c - 30	6.70	451107	448464	1
c - 32	7.01	439832	448464	-2
c - 34	7.30	441689	448464	-2
c - 36	7.58	442356	448464	-1

* One compound allowed %D <= 50%

Samples

17G0786-12
17G0785-01
17G0785-02
17G0785-03
17G0785-04
17G0785-07
17G0785-13
17G0785-14

D:\HPCHEM\1\DATA\A072517.SEC\A0725153.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	7/26/17
Data File Name	A0725153.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	459390	476901	-4
c - 10	1.49	457897	476901	-4
c - 12	2.22	480908	476901	1
c - 14	2.89	485375	476901	2
c - 16	3.48	493163	476901	3
c - 18	4.06	484784	476901	2
o-Terphenyl	4.36	554345	476901	
c - 20	4.67	492008	476901	3
c - 22	5.18	497228	476901	4
c - 24	5.62	462983	476901	-3
c - 26	6.01	487104	476901	2
c - 28	6.37	479218	476901	0
c - 30	6.70	476761	476901	0
c - 32	7.01	464381	476901	-3
c - 34	7.30	465959	476901	-2
c - 36	7.58	466352	476901	-2

* One compound allowed %D </= 50%

Samples

17G0628-02

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: New Haven, CT

Project Number: 17G0628

Laboratory Sample ID(s):

17G0628-01 thru 17G0628-20

Sample Date(s):

07/17/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 8082A, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5B	Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **07/26/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 26, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: New Haven, CT
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 17G0629

Enclosed are results of analyses for samples received by the laboratory on July 17, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 7/26/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G0629

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC12W-SO-21-1	17G0629-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-21-2	17G0629-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-21-3	17G0629-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-25-1	17G0629-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-25-2	17G0629-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-25-3	17G0629-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-28-1A	17G0629-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-28-1B	17G0629-08	Soil		SM 2540G	
				SW-846 8270D	
WS-AOC12W-SO-28-2	17G0629-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-28-3	17G0629-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-24-1	17G0629-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-24-2	17G0629-12	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-24-3	17G0629-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-20-1	17G0629-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-20-2	17G0629-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-20-3	17G0629-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-29-1	17G0629-17	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-29-2	17G0629-18	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-29-3	17G0629-19	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-33-1A	17G0629-20	Soil		SM 2540G	
				SW-846 8082A	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 7/26/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G0629

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC12W-SO-33-1B	17G0629-21	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
WS-AOC12W-SO-Dup-1	17G0629-22	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-Dup-2	17G0629-23	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-Dup-3	17G0629-24	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-33-2	17G0629-25	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC12W-SO-33-3	17G0629-26	Soil		SM 2540G	
				SW-846 8082A	

con-test® ANALYTICAL LABORATORY

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only PAHs were requested and reported.

For method 6010, only As was requested and reported.

CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl
17G0629-21[WS-AOC12W-SO-33-1B]

SW-846 8082A

Qualifications:

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Aroclor-1016
17G0629-04[WS-AOC12W-SO-25-1], B182066-MSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-21-1 | Sampled: 7/17/2017 13:14

Sample ID: 17G0629-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:17	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.8	30-150		7/21/17 16:17
Decachlorobiphenyl [2]	75.8	30-150		7/21/17 16:17
Tetrachloro-m-xylene [1]	54.0	30-150		7/21/17 16:17
Tetrachloro-m-xylene [2]	64.1	30-150		7/21/17 16:17

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-21-1
Sampled: 7/17/2017 13:14

Sample ID: 17G0629-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.0		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-21-2
Sampled: 7/17/2017 13:15

Sample ID: 17G0629-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:34	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.9	30-150		7/21/17 16:34
Decachlorobiphenyl [2]	88.3	30-150		7/21/17 16:34
Tetrachloro-m-xylene [1]	69.3	30-150		7/21/17 16:34
Tetrachloro-m-xylene [2]	76.7	30-150		7/21/17 16:34

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-21-2
Sampled: 7/17/2017 13:15

Sample ID: 17G0629-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-21-3
Sampled: 7/17/2017 13:16
Sample ID: 17G0629-03
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1221 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1232 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1242 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1248 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1254 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1260 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1262 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB
Aroclor-1268 [2]	ND	0.14	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 16:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.1	30-150		7/21/17 16:52
Decachlorobiphenyl [2]	91.3	30-150		7/21/17 16:52
Tetrachloro-m-xylene [1]	65.4	30-150		7/21/17 16:52
Tetrachloro-m-xylene [2]	70.6	30-150		7/21/17 16:52

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-21-3
Sampled: 7/17/2017 13:16

Sample ID: 17G0629-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	72.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-25-1 | Sampled: 7/17/2017 13:32

Sample ID: 17G0629-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1254 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:09	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.0	30-150		7/21/17 17:09
Decachlorobiphenyl [2]	92.7	30-150		7/21/17 17:09
Tetrachloro-m-xylene [1]	69.4	30-150		7/21/17 17:09
Tetrachloro-m-xylene [2]	75.4	30-150		7/21/17 17:09

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-25-1
Sampled: 7/17/2017 13:32

Sample ID: 17G0629-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.2		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-25-2
Sampled: 7/17/2017 13:33

Sample ID: 17G0629-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:26	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.0	30-150		7/21/17 17:26
Decachlorobiphenyl [2]	73.8	30-150		7/21/17 17:26
Tetrachloro-m-xylene [1]	58.4	30-150		7/21/17 17:26
Tetrachloro-m-xylene [2]	64.4	30-150		7/21/17 17:26

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-25-2
Sampled: 7/17/2017 13:33

Sample ID: 17G0629-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-25-3
Sampled: 7/17/2017 13:34

Sample ID: 17G0629-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1221 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1232 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1242 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1248 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1254 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1260 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1262 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB
Aroclor-1268 [2]	ND	0.15	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 17:44	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.3	30-150		7/21/17 17:44
Decachlorobiphenyl [2]	95.0	30-150		7/21/17 17:44
Tetrachloro-m-xylene [1]	74.4	30-150		7/21/17 17:44
Tetrachloro-m-xylene [2]	80.3	30-150		7/21/17 17:44

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-25-3
Sampled: 7/17/2017 13:34
Sample ID: 17G0629-06
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	65.1		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-28-1A
Sampled: 7/17/2017 13:38

Sample ID: 17G0629-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1221 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1232 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1242 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1248 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1254 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1260 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1262 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB
Aroclor-1268 [2]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.9	30-150		7/21/17 18:01
Decachlorobiphenyl [2]	97.5	30-150		7/21/17 18:01
Tetrachloro-m-xylene [1]	73.1	30-150		7/21/17 18:01
Tetrachloro-m-xylene [2]	78.8	30-150		7/21/17 18:01

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-28-1A
Sampled: 7/17/2017 13:38

Sample ID: 17G0629-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-28-1B
Sampled: 7/17/2017 13:40

Sample ID: 17G0629-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Benzo(a)anthracene	0.48	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Benzo(a)pyrene	0.27	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Benzo(b)fluoranthene	0.48	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Benzo(g,h,i)perylene	0.25	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Chrysene	0.94	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Fluoranthene	0.77	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Indeno(1,2,3-cd)pyrene	0.23	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
2-Methylnaphthalene	0.81	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Naphthalene	0.39	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Phenanthrene	1.6	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL
Pyrene	0.83	0.19	mg/Kg dry	1		SW-846 8270D	7/21/17	7/24/17 16:23	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	71.7	30-130		7/24/17 16:23
2-Fluorobiphenyl	74.5	30-130		7/24/17 16:23
p-Terphenyl-d14	97.3	30-130		7/24/17 16:23

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-28-1B
Sampled: 7/17/2017 13:40

Sample ID: 17G0629-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-28-2
Sampled: 7/17/2017 13:42
Sample ID: 17G0629-09
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 18:18	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		7/21/17 18:18
Decachlorobiphenyl [2]	89.2	30-150		7/21/17 18:18
Tetrachloro-m-xylene [1]	66.7	30-150		7/21/17 18:18
Tetrachloro-m-xylene [2]	72.4	30-150		7/21/17 18:18

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-28-2
Sampled: 7/17/2017 13:42

Sample ID: 17G0629-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629
Date Received: 7/17/2017
Field Sample #: WS-AOC12W-SO-28-3
Sampled: 7/17/2017 13:44
Sample ID: 17G0629-10
Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1221 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1232 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1242 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1248 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1254 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1260 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1262 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB
Aroclor-1268 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:23	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.7	30-150		7/21/17 19:23
Decachlorobiphenyl [2]	91.3	30-150		7/21/17 19:23
Tetrachloro-m-xylene [1]	64.6	30-150		7/21/17 19:23
Tetrachloro-m-xylene [2]	69.6	30-150		7/21/17 19:23

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-28-3
Sampled: 7/17/2017 13:44

Sample ID: 17G0629-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.8		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-24-1
Sampled: 7/17/2017 13:46

Sample ID: 17G0629-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1254 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.5	30-150		7/21/17 19:40
Decachlorobiphenyl [2]	88.9	30-150		7/21/17 19:40
Tetrachloro-m-xylene [1]	67.9	30-150		7/21/17 19:40
Tetrachloro-m-xylene [2]	73.6	30-150		7/21/17 19:40

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-24-1
Sampled: 7/17/2017 13:46

Sample ID: 17G0629-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.2		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-24-2
Sampled: 7/17/2017 13:47

Sample ID: 17G0629-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 19:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.5	30-150		7/21/17 19:57
Decachlorobiphenyl [2]	90.1	30-150		7/21/17 19:57
Tetrachloro-m-xylene [1]	70.6	30-150		7/21/17 19:57
Tetrachloro-m-xylene [2]	75.9	30-150		7/21/17 19:57

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-24-2
Sampled: 7/17/2017 13:47

Sample ID: 17G0629-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT | Sample Description: | Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-24-3 | Sampled: 7/17/2017 13:49

Sample ID: 17G0629-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.7	30-150		7/21/17 20:15
Decachlorobiphenyl [2]	98.6	30-150		7/21/17 20:15
Tetrachloro-m-xylene [1]	73.8	30-150		7/21/17 20:15
Tetrachloro-m-xylene [2]	82.1	30-150		7/21/17 20:15

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-24-3
Sampled: 7/17/2017 13:49

Sample ID: 17G0629-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.5		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: New Haven, CT | Sample Description: | Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-20-1 | Sampled: 7/17/2017 13:56

Sample ID: 17G0629-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1254 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:32	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.3	30-150		7/21/17 20:32
Decachlorobiphenyl [2]	99.8	30-150		7/21/17 20:32
Tetrachloro-m-xylene [1]	74.6	30-150		7/21/17 20:32
Tetrachloro-m-xylene [2]	80.9	30-150		7/21/17 20:32

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-20-1
Sampled: 7/17/2017 13:56

Sample ID: 17G0629-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.9		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-20-2
Sampled: 7/17/2017 13:58

Sample ID: 17G0629-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 20:49	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		7/21/17 20:49
Decachlorobiphenyl [2]	97.5	30-150		7/21/17 20:49
Tetrachloro-m-xylene [1]	82.8	30-150		7/21/17 20:49
Tetrachloro-m-xylene [2]	88.4	30-150		7/21/17 20:49

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-20-2
Sampled: 7/17/2017 13:58

Sample ID: 17G0629-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.8		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-20-3
Sampled: 7/17/2017 14:00

Sample ID: 17G0629-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1221 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1232 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1242 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1248 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1254 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1260 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1262 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB
Aroclor-1268 [2]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:06	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	103	30-150		7/21/17 21:06
Decachlorobiphenyl [2]	101	30-150		7/21/17 21:06
Tetrachloro-m-xylene [1]	78.0	30-150		7/21/17 21:06
Tetrachloro-m-xylene [2]	84.0	30-150		7/21/17 21:06

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-20-3
Sampled: 7/17/2017 14:00

Sample ID: 17G0629-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.0		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-29-1
Sampled: 7/17/2017 14:01

Sample ID: 17G0629-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1254 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:24	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		7/21/17 21:24
Decachlorobiphenyl [2]	91.6	30-150		7/21/17 21:24
Tetrachloro-m-xylene [1]	72.8	30-150		7/21/17 21:24
Tetrachloro-m-xylene [2]	79.6	30-150		7/21/17 21:24

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-29-1
Sampled: 7/17/2017 14:01

Sample ID: 17G0629-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.5		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-29-2
Sampled: 7/17/2017 14:02

Sample ID: 17G0629-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1221 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1232 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1242 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1248 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1254 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1260 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1262 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB
Aroclor-1268 [2]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/17	7/21/17 21:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.8	30-150		7/21/17 21:41
Decachlorobiphenyl [2]	86.1	30-150		7/21/17 21:41
Tetrachloro-m-xylene [1]	70.3	30-150		7/21/17 21:41
Tetrachloro-m-xylene [2]	76.9	30-150		7/21/17 21:41

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Project Location: New Haven, CT
Sample Description:
Work Order: 17G0629

Date Received: 7/17/2017

Field Sample #: WS-AOC12W-SO-29-2
Sampled: 7/17/2017 14:02

Sample ID: 17G0629-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	7/20/17	7/21/17 7:45	MRL