Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS14-G07-SEH1AA00BOT 2 - 2 6/5/2013 SS-RTA14-G07-SEH1-AA00-BOT(2)-1 SB71098	SS-RTA14-19 SS14-G07SEH1AAN01BOT 2 - 2 6/5/2013 SS-RTA14-G07-SEH1-AAN01-BOT(2)-1 SB71098	SS-RTA14-19 SS14-G07SEH1AAS01BOT 2 - 2 6/5/2013 SS-RTA14-G07-SEH1-AAS01-BOT(2)-1 SB71098	SS-RTA14-19 SS14-G07-SEH1EB00BOT 2 - 2 6/5/2013 SS-RTA14-G07-SEH1-EB00-BOT(2)-1 SB71098	SS-RTA14-19 SS14-G07-SEH1EBN01SW 0.5 - 0.5 6/5/2013 SS-RTA14-G07-SEH1-EBN01-SW(0.5)-1 SB71098	SS-RTA14-19 SS14-G07-SEH1EBS01SW 0.5 - 0.5 6/5/2013 SS-RTA14-G07-SEH1-EBS01-SW(0.5)-1 SB71098	SS-RTA14-19 SS14-G07-SEH1WB00BOT 2 - 2 6/5/2013 SS-RTA14-G07-SEH1-WB00-BOT(2)-1 SB71098	SS-RTA14-19 SS14-G07SEH1WBN01SW 0.5 - 0.5 6/5/2013 SS-RTA14-G07-SEH1-WBN01-SW(0.5)-1 SB71098	SS-RTA14-19 SS14-G07SEH1WBS01SW 0.5 - 0.5 6/5/2013 SS-RTA14-G07-SEH1-WBS01-SW(0.5)-1 SB71098
CT-ETPH (mg/Kg)													
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)													
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)													
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)													
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)													
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

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Metals (mg/Kg)													
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)													
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1254	NE	NE	NE	NE	**307**	**62**	**580**	**60.4**	**9180**	**4550**	**2310**	**97.3**	**244**
Aroclor 1260	NE	NE	NE	NE	**86.5**	**20.7**	**340**	**26.6**	<212	**352**	**485**	**86.6**	**139**
Aroclor 1262	NE	NE	NE	NE	<20.8	<20.7	<21.7	<20.5	<212	<21.1	<23.2	<21.4	<20.9
Aroclor 1268	NE	NE	NE	NE	<20.8	<20.7	<21.7	<20.5	<212	<21.1	<23.2	<21.4	<20.9
Total PCBs	NE	1000	10000	50000	**393.5**	**82.7**	**920**	**87**	**9180**	**4902**	**2795**	**183.9**	**383**
PCBs-SPLP (mg/L)													
Aroclor 1248	NE	NE	NE	NE	NS	NS	<0.000222	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	<0.000222	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	<0.000222	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

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U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS14-M07-SEH1AA00BOT 2 - 2 6/5/2013 SS-RTA14-M07-SEH1-AA00-BOT(2)-1 SB71098	SS-RTA14-19 SS14-M07SEH1AAN01BOT 2 - 2 6/5/2013 SS-RTA14-M07-SEH1-AAN01-BOT(2)-1 SB71098	SS-RTA14-19 SS14-M07SEH1AAS01BOT 2 - 2 6/5/2013 SS-RTA14-M07-SEH1-AAS01-BOT(2)-1 SB71098	SS-RTA14-19 SS14-M07-SEH1EB00BOT 2 - 2 6/5/2013 SS-RTA14-M07-SEH1-EB00-BOT(2)-1 SB71098	SS-RTA14-19 SS14-M07-SEH1WB00BOT 2 - 2 6/5/2013 SS-RTA14-M07-SEH1-WB00-BOT(2)-1 SB71098	SS-RTA14-19 SS14-M07SEH1WBS01SW 0.5 - 0.5 6/5/2013 SS-RTA14-M07-SEH1-WBS01-SW(0.5)-1 SB71098	SS-RTA14-19 SS19-N15-SEH1AA00BOT 2 - 2 6/6/2013 SS-RTA19-N15-SEH1-AA00-BOT(2)-1 SB71089	SS-RTA14-19 SS19-N15-SEH1AAN01SW 1 - 1 6/6/2013 SS-RTA19-N15-SEH1-AAN01-SW(1)-1 SB71089	SS-RTA14-19 SS19-N15-SEH1AAS01SW 1 - 1 6/6/2013 SS-RTA19-N15-SEH1-AAS01-SW(1)-1 SB71089
CT-ETPH (mg/Kg)													
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)													
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)													
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)													
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)													
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Metals (mg/Kg)													
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)													
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1254	NE	NE	NE	NE	**403**	<19.8	**998**	<22.0	**69.8**	**289**	**95.6**	**1520**	**1050**
Aroclor 1260	NE	NE	NE	NE	<21.5	<19.8	<22.6	<22.0	<22.2	**122**	<20.4	<21.4	**208**
Aroclor 1262	NE	NE	NE	NE	<21.5	<19.8	<22.6	<22.0	<22.2	<21.7	<20.4	<21.4	<22.0
Aroclor 1268	NE	NE	NE	NE	<21.5	<19.8	<22.6	<22.0	<22.2	<21.7	<20.4	<21.4	<22.0
Total PCBs	NE	1000	10000	50000	**403**	<19.8	**998**	<22.0	**69.8**	**411**	**95.6**	**1520**	**1258**
PCBs-SPLP (mg/L)													
Aroclor 1248	NE	NE	NE	NE	NS	NS	<0.000211	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	<0.000211	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	<0.000211	NS	NS	NS	NS	NS	NS

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Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS19-N15-SEH1EB00BOT 2 - 2 6/6/2013 SS-RTA19-N15-SEH1-EB00-BOT(2)-1 SB71089	SS-RTA14-19 SS19-N15-SEH1WB00BOT 2 - 2 6/6/2013 SS-RTA19-N15-SEH1-WB00-BOT(2)-1 SB71089	SS-RTA14-19 SS19-N15SEH1WBS01SW 1 - 1 6/6/2013 SS-RTA19-N15-SEH1-WBS01-SW(1)-1 SB71089	SS-RTA14-19 SS-PRA21-SB01 0 - 0.5 10/18/2010 SS-PRA21-SB01(0-0.5)-1 M95088	SS-RTA14-19 SS-PRA21-SB01 10 - 11 12/7/2010 SS-PRA21-SB01(10-11)-1 M96395	SS-RTA14-19 SS-PRA21-SB02 0 - 0.5 10/18/2010 SS-PRA21-SB02(0-0.5)-1 M95088	SS-RTA14-19 SS-PRA21-SB03 0.5 - 1 10/18/2010 SS-PRA21-SB03(0.5-1.0)-1 M95088	SS-RTA14-19 SS-PRA21-SB03 2.5 - 3 10/18/2010 SS-PRA21-SB03(2.5-3.0)-1 M95088	SS-RTA14-19 SS-PRA21-SB03 2.5 - 3 10/18/2010 SS-PRA21-SB03(2.5-3.0)-2 M95088	SS-RTA14-19 SS-PRA21-SB04 0 - 0.5 10/19/2010 SS-PRA21-SB04(0.0-0.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB05 0 - 0.5 10/18/2010 SS-PRA21-SB05(0-0.5)101810-1 M95088	SS-RTA14-19 SS-PRA21-SB06 0 - 0.5 10/18/2010 SS-PRA21-SB06(0-0.5)-1 M95088
CT-ETPH (mg/Kg)																
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	**121**	NS	**75**	**23.1**	<18 U	<18 U	**78.4**	**83.9**	**84.9**
CT-ETPH - SPLP (mg/l)																
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	<2.2 U	NS	<2.2 U	<1.8 U	<1.9 U	<1.7 U	<2.1 U	<2.0 U	<1.9 U
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	<2.2 U	NS	<2.2 U	<1.8 U	<1.9 U	<1.7 U	<2.1 U	<2.0 U	<1.9 U
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	<5.4 U	NS	<5.4 U	<4.6 U	<4.9 U	<4.3 U	<5.3 U	<4.9 U	<4.8 U
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	<5.4 U	NS	<5.4 U	<4.6 U	<4.9 U	<4.3 U	<5.3 U	<4.9 U	<4.8 U
Acetone	140000	500000	1000000	NE	NS	NS	NS	<5.4 UJ	NS	<5.4 UJ	<4.6 UJ	<4.9 UJ	<4.3 UJ	<5.3 U	<4.9 U	<4.8 UJ
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	<2.2 U	NS	<2.2 U	<1.8 U	<1.9 U	<1.7 U	<2.1 U	<2.0 U	<1.9 U
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	<5.4 U	NS	<5.4 U	<4.6 U	<4.9 U	<4.3 U	<5.3 U	<4.9 U	<4.8 U
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	<5.4 U	NS	<5.4 U	<4.6 U	<4.9 U	<4.3 U	<5.3 U	<4.9 U	<4.8 U
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	<5.4 U	NS	<5.4 U	<4.6 U	<4.9 U	<4.3 U	<5.3 U	<4.9 U	<4.8 U
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	<2.2 U	NS	<2.2 U	<1.8 U	<1.9 U	<1.7 U	<2.1 U	<2.0 U	<1.9 U
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	<2.2 U	NS	<2.2 U	<1.8 U	<1.9 U	<1.7 U	<2.1 U	<2.0 U	<1.9 U
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	<2.2 U	NS	<2.2 U	<1.8 U	<1.9 U	<1.7 U	<2.1 UJ	<2.0 U	<1.9 U
Vinyl chloride	400	320	3000	NE	NS	NS	NS	<2.2 U	NS	<2.2 U	<1.8 U	<1.9 U	<1.7 U	<2.1 U	<2.0 U	<1.9 U
PAHs (ug/Kg)																
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	<260 U	<260 U	<260 U	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	<270 U	NS	<260 U
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	<270 U	NS	<260 U
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	<270 U	NS	<260 U
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**835**	NS	<260 U
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**719**	NS	<260 U
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**661**	NS	<260 U
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**504**	NS	<260 U
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**670**	NS	<260 U
Chrysene	9400	84000	780000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**815**	NS	<260 U
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	<270 U	NS	<260 U
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**1170**	NS	<260 U
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	<270 U	NS	<260 U
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**491**	NS	<260 U
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	<270 U	NS	<260 U
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**340**	NS	<260 U
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	<280 U	NS	<270 U	<260 U	<260 U	<260 U	**1220**	NS	<260 U
PAHs - SPLP (mg/l)																
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS19-N15-SEH1EB00BOT 2 - 2 6/6/2013 SS-RTA19-N15-SEH1-EB00-BOT(2)-1 SB71089	SS-RTA14-19 SS19-N15-SEH1WB00BOT 2 - 2 6/6/2013 SS-RTA19-N15-SEH1-WB00-BOT(2)-1 SB71089	SS-RTA14-19 SS19-N15SEH1WBS01SW 1 - 1 6/6/2013 SS-RTA19-N15-SEH1-WBS01-SW(1)-1 SB71089	SS-RTA14-19 SS-PRA21-SB01 0 - 0.5 10/18/2010 SS-PRA21-SB01(0-0.5)-1 M95088	SS-RTA14-19 SS-PRA21-SB01 10 - 11 12/7/2010 SS-PRA21-SB01(10-11)-1 M96395	SS-RTA14-19 SS-PRA21-SB02 0 - 0.5 10/18/2010 SS-PRA21-SB02(0-0.5)-1 M95088	SS-RTA14-19 SS-PRA21-SB03 0.5 - 1 10/18/2010 SS-PRA21-SB03(0.5-1.0)-1 M95088	SS-RTA14-19 SS-PRA21-SB03 2.5 - 3 10/18/2010 SS-PRA21-SB03(2.5-3.0)-1 M95088	SS-RTA14-19 SS-PRA21-SB03 2.5 - 3 10/18/2010 SS-PRA21-SB03(2.5-3.0)-2 M95088	SS-RTA14-19 SS-PRA21-SB04 0 - 0.5 10/19/2010 SS-PRA21-SB04(0.0-0.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB05 0 - 0.5 10/18/2010 SS-PRA21-SB05(0-0.5)101810-1 M95088	SS-RTA14-19 SS-PRA21-SB06 0 - 0.5 10/18/2010 SS-PRA21-SB06(0-0.5)-1 M95088
Metals (mg/Kg)																
Lead	NE	400	1000	NE	NS	NS	NS	**70**	**2.2**	**21.9**	**5.1**	**4**	**5.5**	**28.1**	**27.7**	**242**
Metals-SPLP/TCLP (mg/l)																
Chromium	0.5	NE	NE	NE	NS	NS	NS	<0.010 U	NS	NS	NS	NS	NS	NS	NS	**0.012**
Lead	0.15	NE	NE	NE	NS	NS	NS	**0.023**	<0.010 U	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NS	**0.019**	**0.2**
Vanadium	0.5	NE	NE	NE	NS	NS	NS	**0.072**	<0.010 U	**0.038**	<0.010 U	<0.010 U	<0.010 U	NS	**0.06**	**0.1**
PCBs (ug/Kg)																
Aroclor 1254	NE	NE	NE	NE	**102**	**1940**	**11300**	<110 U	NS	<110 U	<110 U	<110 U	<110 U	<100 U	<100 U	<100 U
Aroclor 1260	NE	NE	NE	NE	<19.8	<20.4	<220	<110 U	NS	<110 U	<110 U	<110 U	<110 U	<100 U	<100 U	<100 U
Aroclor 1262	NE	NE	NE	NE	<19.8	<20.4	<220	<110 U	NS	<110 U	<110 U	<110 U	<110 U	<100 U	<100 U	<100 U
Aroclor 1268	NE	NE	NE	NE	<19.8	<20.4	<220	<110 U	NS	<110 U	<110 U	<110 U	<110 U	<100 U	<100 U	<100 U
Total PCBs	NE	1000	10000	50000	**102**	**1940**	**11300**	<110	NS	<110	<110	<110	<110	<100	<100	<100
PCBs-SPLP (mg/L)																
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are presented.
<0.010 = Analyte not detected above given laboratory reporting limit.
Bold = Analyte detected above reporting limit.
Orange highlighted cells exceed the GB PMC.
Blue highlighted cells exceed RES DEC.
Green highlighted cells exceed I/C DEC.
Yellow highlighted cells exceed TSCA PCB Waste Criterion.
RSR - Remediation Standard Regulations
GB PMC = Pollutant Mobility Criteria
RES DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
U = Analyte not detected above given sample quantitation limit.
J = The analyte was detected, but the concentration is estimated.
UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.
VOCs - Colatile Organic Compounds
CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons
PCBs - Polychlorinated biphenyls
PAHs - Polycyclic aromatic hydrocarbons
TSCA = Toxic Substances Control Act
SPLP = Synthetic precipitation leaching procedure
ug/Kg = Micrograms per kilogram
mg/Kg = Milligrams per kilogram
mg/L = Milligrams per liter
NE = No criteria has been established for this analytes
NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB07 0 - 0.5 10/19/2010 SS-PRA21-SB07(0-0.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB07 2 - 2.5 10/19/2010 SS-PRA21-SB07(2-2.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB08 0 - 0.5 10/19/2010 SS-PRA21-SB08(0.0-0.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB08 2 - 2.5 10/19/2010 SS-PRA21-SB08(2.0-2.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB08 7.5 - 8 10/19/2010 SS-PRA21-SB08(7.5-8.0)-1 M95117	SS-RTA14-19 SS-PRA21-SB09 1 - 2 12/10/2010 SS-PRA21-SB09(1-2)-1 M96520	SS-RTA14-19 SS-PRA21-SB09 1 - 2 12/10/2010 SS-PRA21-SB09(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB09 3 - 4 12/10/2010 SS-PRA21-SB09(3-4)-1 M96520	SS-RTA14-19 SS-PRA21-SB09 3 - 4 12/10/2010 SS-PRA21-SB09(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB09 8 - 9 12/10/2010 SS-PRA21-SB09(8-9)-1 M96520	SS-RTA14-19 SS-PRA21-SB09 8 - 9 12/10/2010 SS-PRA21-SB09(8-9)-1 SB22223	SS-RTA14-19 SS-PRA21-SB10 3 - 4 12/10/2010 SS-PRA21-SB10(3-4)-1 M96520	SS-RTA14-19 SS-PRA21-SB10 3 - 4 12/10/2010 SS-PRA21-SB10(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB10 8 - 8.5 12/10/2010 SS-PRA21-SB10(8-8.5)-1 M96520	SS-RTA14-19 SS-PRA21-SB10 8 - 8.5 12/10/2010 SS-PRA21-SB10(8-8.5)-1 SB22223
CT-ETPH (mg/Kg)																			
CT-ETPH (C9-C36)	2500	500	2500	NE	**281**	NS	**281**	**7370**	**3160**	**41.4**	NS	**23.7**	**27.6**	**970**	**1130**	**55.8**	**30.2**	<14 U	<17.7 U
CT-ETPH - SPLP (mg/l)																			
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	**1.07 J-**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																			
1,1-Dichloroethane	14000	500000	1000000	NE	<2.1 U	NS	<2.0 U	<2.0 U	<110 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	<2.1 U	NS	<2.0 U	<2.0 U	<110 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	<5.2 UJ	NS	<4.9 U	<5.1 U	<270 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	<5.2 UJ	NS	<4.9 U	<5.1 U	<270 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	<5.2 U	NS	<30.9 U	<5.1 UJ	<270 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	<2.1 U	NS	<2.0 U	<2.0 U	<110 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	<5.2 U	NS	<4.9 U	<5.1 U	<270 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	<5.2 UJ	NS	<4.9 U	<5.1 U	<270 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	<5.2 UJ	NS	<4.9 U	<5.1 U	<270 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	<2.1 U	NS	<2.0 U	<2.0 U	<110 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	<2.1 U	NS	<2.0 U	<2.0 U	<110 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	<2.1 UJ	NS	<2.0 UJ	<2.0 U	<110 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	<2.1 U	NS	<2.0 U	<2.0 U	<110 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																			
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	<472 U	NS	<475 U	NS	<435 U	NS	<436 U	NS	<439 U
Acenaphthene	30000	1000000	2500000	NE	**265**	<260 U	<260 U	**9880**	NS	<270 U	<472 U	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Acenaphthylene	84000	1000000	2500000	NE	<260 U	<260 U	<260 U	<2800 U	NS	<270 U	<472 U	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Anthracene	400000	1000000	2500000	NE	**521**	<260 U	<260 U	**11800**	NS	<270 U	<472 U	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Benzo(a)anthracene	1000	1000	7800	NE	**1540**	<260 U	<260 U	**51900**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Benzo(a)pyrene	1000	1000	1000	NE	**1190**	<260 U	<260 U	**54400**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Benzo(b)fluoranthene	1000	1000	7800	NE	**1060**	<260 U	<260 U	**53000**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	**775**	<260 U	<260 U	**49900**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Benzo(k)fluoranthene	1000	8400	78000	NE	**971**	<260 U	<260 U	**32900**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Chrysene	9400	84000	780000	NE	**1480**	<260 U	<260 U	**56400**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<260 U	<260 U	<260 U	**16500**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Fluoranthene	56000	1000000	2500000	NE	**2600**	<260 U	<260 U	**110000**	NS	<270 U	<472 U	<280 U	<475 U	<270 U	<435 U	**335**	<436 U	<270 U	<439 U
Fluorene	56000	1000000	2500000	NE	<260 U	<260 U	<260 U	**8150**	NS	<270 U	<472 U	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	**749**	<260 U	<260 U	**45000**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Naphthalene	56000	1000000	2500000	NE	<260 U	<260 U	<260 U	**4500**	NS	<270 U	<472 U	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
Phenanthrene	40000	1000000	2500000	NE	**1930**	<260 U	<260 U	**62200**	NS	<270 U	<472 U	<280 U	<475 U	<270 U	<435 U	**260**	<436 U	<270 U	<439 U
Pyrene	40000	1000000	2500000	NE	**2460**	<260 U	<260 U	**82800**	NS	<270 U	<472 UJ	<280 U	<475 U	<270 U	<435 U	<260 U	<436 U	<270 U	<439 U
PAHs - SPLP (mg/l)																			
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	<0.0050 UJ	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	ND	NS	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB07 0 - 0.5 10/19/2010 SS-PRA21-SB07(0-0.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB07 2 - 2.5 10/19/2010 SS-PRA21-SB07(2-2.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB08 0 - 0.5 10/19/2010 SS-PRA21-SB08(0.0-0.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB08 2 - 2.5 10/19/2010 SS-PRA21-SB08(2.0-2.5)-1 M95117	SS-RTA14-19 SS-PRA21-SB08 7.5 - 8 10/19/2010 SS-PRA21-SB08(7.5-8.0)-1 M95117	SS-RTA14-19 SS-PRA21-SB09 1 - 2 12/10/2010 SS-PRA21-SB09(1-2)-1 M96520	SS-RTA14-19 SS-PRA21-SB09 1 - 2 12/10/2010 SS-PRA21-SB09(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB09 3 - 4 12/10/2010 SS-PRA21-SB09(3-4)-1 M96520	SS-RTA14-19 SS-PRA21-SB09 3 - 4 12/10/2010 SS-PRA21-SB09(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB09 8 - 9 12/10/2010 SS-PRA21-SB09(8-9)-1 M96520	SS-RTA14-19 SS-PRA21-SB09 8 - 9 12/10/2010 SS-PRA21-SB09(8-9)-1 SB22223	SS-RTA14-19 SS-PRA21-SB10 3 - 4 12/10/2010 SS-PRA21-SB10(3-4)-1 M96520	SS-RTA14-19 SS-PRA21-SB10 3 - 4 12/10/2010 SS-PRA21-SB10(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB10 8 - 8.5 12/10/2010 SS-PRA21-SB10(8-8.5)-1 M96520	SS-RTA14-19 SS-PRA21-SB10 8 - 8.5 12/10/2010 SS-PRA21-SB10(8-8.5)-1 SB22223
Metals (mg/Kg)																			
Lead	NE	400	1000	NE	**90.2**	**2**	**34.2**	**556**	**2.5**	**15.7**	NS	**19.6**	NS	**3**	NS	**5.9**	NS	**2.7**	NS
Metals-SPLP/TCLP (mg/l)																			
Chromium	0.5	NE	NE	NE	**0.01**	NS	**0.32**	**0.29**	NS	<0.010 U	NS	NS	NS	NS	NS	**0.014**	NS	NS	NS
Lead	0.15	NE	NE	NE	**0.047**	NS	**0.016**	**0.21**	NS	<0.010 U	NS	**0.011**	NS	<0.010 U	NS	<0.010 U	NS	<0.010 U	NS
Vanadium	0.5	NE	NE	NE	**0.2**	NS	<0.010 U	<0.010 U	NS	**0.015 J**	NS	<0.010 U	NS	<0.010 U	NS	<0.010 U	NS	<0.010 U	NS
PCBs (ug/Kg)																			
Aroclor 1254	NE	NE	NE	NE	**324**	**989**	**1440**	**2650**	**201**	<100 UJ	**243**	<110 U	**30.6**	<110 U	<24.8 U	<110 U	**41.2**	<110 U	<26.3 U
Aroclor 1260	NE	NE	NE	NE	<100 U	**166 J**	**328 J**	**791 J**	<100 U	<100 UJ	<27.7 U	<110 U	<28.2 U	<110 U	<24.8 U	<110 U	<25.7 U	<110 U	<26.3 U
Aroclor 1262	NE	NE	NE	NE	<100 U	<100 U	<100 U	<110 UJ	<100 U	<100 UJ	**62.8**	<110 U	<28.2 U	<110 U	<24.8 U	<110 U	<25.7 U	<110 U	<26.3 U
Aroclor 1268	NE	NE	NE	NE	<100 U	<100 U	<100 U	<110 UJ	<100 U	<100 UJ	<27.7 U	<110 U	<28.2 U	<110 U	<24.8 U	<110 U	<25.7 U	<110 U	<26.3 U
Total PCBs	NE	1000	10000	50000	**324**	**1155**	**1768**	**3441**	**201**	<100	**305.8**	<110	**30.6**	<110	<24.8	<110	**41.2**	<110	<26.3
PCBs-SPLP (mg/L)																			
Aroclor 1248	NE	NE	NE	NE	NS	<0.00025 U	<0.00038 U	<0.00051 U	<0.00025 U	NS	<0.0211 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	<0.00025 U	<0.00025 U	<0.00025 U	<0.00025 U	NS	<0.0211 U	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	<0.00025	<0.00038	<0.00051	<0.00025	NS	<0.0211	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB10 8 - 8.5 12/10/2010 SS-PRA21-SB10(8-8.5)-2 SB22223	SS-RTA14-19 SS-PRA21-SB11 0.5 - 1 11/23/2010 SS-PRA21-SB11(0.5-1)-1 M96179	SS-RTA14-19 SS-PRA21-SB11 3 - 3.5 11/23/2010 SS-PRA21-SB11(3-3.5)-1 M96179	SS-RTA14-19 SS-PRA21-SB11 8 - 8.5 11/23/2010 SS-PRA21-SB11(8-8.5)-1 M96179	SS-RTA14-19 SS-PRA21-SB12 3 - 4 12/10/2010 SS-PRA21-SB12(3-4)-1 M96520	SS-RTA14-19 SS-PRA21-SB12 3 - 4 12/10/2010 SS-PRA21-SB12(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB12 8 - 8.5 12/10/2010 SS-PRA21-SB12(8-8.5)-1 M96520	SS-RTA14-19 SS-PRA21-SB12 8 - 8.5 12/10/2010 SS-PRA21-SB12(8-8.5)-1 SB22223	SS-RTA14-19 SS-PRA21-SB13 1 - 2 12/10/2010 SS-PRA21-SB13(1-2))-1 M96520	SS-RTA14-19 SS-PRA21-SB13 1 - 3 12/10/2010 SS-PRA21-SB13(1-3)-1 SB22223	SS-RTA14-19 SS-PRA21-SB13 3 - 4 12/10/2010 SS-PRA21-SB13(3-4))-1 M96520	SS-RTA14-19 SS-PRA21-SB13 3 - 4 12/10/2010 SS-PRA21-SB13(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB13 8 - 9 12/10/2010 SS-PRA21-SB13(8-9))-1 M96520	SS-RTA14-19 SS-PRA21-SB13 8 - 9 12/10/2010 SS-PRA21-SB13(8-9)-1 SB22223	SS-RTA14-19 SS-PRA21-SB14 1 - 2 12/10/2010 SS-PRA21-SB14(1-2))-1 M96520
CT-ETPH (mg/Kg)																			
CT-ETPH (C9-C36)	2500	500	2500	NE	<17.3 U	**101**	<13 U	**23.6**	**433 J+**	**448**	**24.4**	**25.1**	**291**	**607**	**167**	**151**	**19.1**	<18.4 U	**651**
CT-ETPH - SPLP (mg/l)																			
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																			
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	<2.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	<2.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	<5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	<5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	<5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	<2.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	<5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	<5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	<5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	<2.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	<2.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	<2.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	<2.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																			
2-Methylnaphthalene	5500	271000	1000000	NE	<428 U	NS	NS	NS	NS	<408 U	NS	<442 U	NS	<452 U	NS	<992 U	NS	<456 U	NS
Acenaphthene	30000	1000000	2500000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	<270 U	<408 U	<280 U	<442 U	<270 U	<452 U	<260 U	<992 U	<260 U	<456 U	**345**
Acenaphthylene	84000	1000000	2500000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	<270 U	<408 U	<280 U	<442 U	<270 U	<452 U	<260 U	<992 U	<260 U	<456 U	<260 U
Anthracene	400000	1000000	2500000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**818**	**1090**	<280 U	<442 U	<270 U	<452 U	<260 U	<992 U	<260 U	<456 U	**639**
Benzo(a)anthracene	1000	1000	7800	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**2280**	**3180**	<280 U	<442 U	**310**	**568 J**	**531**	<992 U	<260 U	<456 U	**1390**
Benzo(a)pyrene	1000	1000	1000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**1750**	**2760**	<280 U	<442 U	<270 U	**510**	**412**	<992 U	<260 U	<456 U	**1060**
Benzo(b)fluoranthene	1000	1000	7800	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**1470**	**3350**	<280 U	<442 U	<270 U	**630**	**349**	<992 U	<260 U	<456 U	**896**
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**1160**	**931**	<280 U	<442 U	<270 U	<452 U	**264**	<992 U	<260 U	<456 U	**1030**
Benzo(k)fluoranthene	1000	8400	78000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**1370**	**2280**	<280 U	<442 U	<270 U	**569**	**326**	<992 U	<260 U	<456 U	**901**
Chrysene	9400	84000	780000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**2310**	**2840**	<280 U	<442 U	**362**	**619 J**	**536**	<992 U	<260 U	<456 U	**1380**
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	<270 U	<408 U	<280 U	<442 U	<270 U	<452 U	<260 U	<992 U	<260 U	<456 U	**362**
Fluoranthene	56000	1000000	2500000	NE	<428 U	**332 J**	<250 UJ	<260 UJ	**3800**	**5910**	<280 U	<442 U	**639**	**1150**	**1060**	<992 U	<260 U	<456 U	**2660**
Fluorene	56000	1000000	2500000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**283**	<408 U	<280 U	<442 U	<270 U	<452 U	<260 U	<992 U	<260 U	<456 U	**272**
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**1100**	**884**	<280 U	<442 U	<270 U	<452 U	<260 U	<992 U	<260 U	<456 U	**914**
Naphthalene	56000	1000000	2500000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	<270 U	<408 U	<280 U	<442 U	<270 U	<452 U	<260 U	<992 U	<260 U	<456 U	<260 U
Phenanthrene	40000	1000000	2500000	NE	<428 U	<260 UJ	<250 UJ	<260 UJ	**2740**	**3510**	<280 U	<442 U	**309**	**522**	**826**	<992 U	<260 U	<456 U	**2570**
Pyrene	40000	1000000	2500000	NE	<428 U	**345 J**	<250 UJ	<260 UJ	**3240**	**5420**	<280 U	<442 U	**522**	**1570 J**	**888**	<992 U	<260 U	<456 U	**2670**
PAHs - SPLP (mg/l)																			
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	**0.0061**	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	**0.0152**	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	<0.0052 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	**0.0213**	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB10 8 - 8.5 12/10/2010 SS-PRA21-SB10(8-8.5)-2 SB22223	SS-RTA14-19 SS-PRA21-SB11 0.5 - 1 11/23/2010 SS-PRA21-SB11(0.5-1)-1 M96179	SS-RTA14-19 SS-PRA21-SB11 3 - 3.5 11/23/2010 SS-PRA21-SB11(3-3.5)-1 M96179	SS-RTA14-19 SS-PRA21-SB11 8 - 8.5 11/23/2010 SS-PRA21-SB11(8-8.5)-1 M96179	SS-RTA14-19 SS-PRA21-SB12 3 - 4 12/10/2010 SS-PRA21-SB12(3-4)-1 M96520	SS-RTA14-19 SS-PRA21-SB12 3 - 4 12/10/2010 SS-PRA21-SB12(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB12 8 - 8.5 12/10/2010 SS-PRA21-SB12(8-8.5)-1 M96520	SS-RTA14-19 SS-PRA21-SB12 8 - 8.5 12/10/2010 SS-PRA21-SB12(8-8.5)-1 SB22223	SS-RTA14-19 SS-PRA21-SB13 1 - 2 12/10/2010 SS-PRA21-SB13(1-2))-1 M96520	SS-RTA14-19 SS-PRA21-SB13 1 - 3 12/10/2010 SS-PRA21-SB13(1-3)-1 SB22223	SS-RTA14-19 SS-PRA21-SB13 3 - 4 12/10/2010 SS-PRA21-SB13(3-4))-1 M96520	SS-RTA14-19 SS-PRA21-SB13 3 - 4 12/10/2010 SS-PRA21-SB13(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB13 8 - 9 12/10/2010 SS-PRA21-SB13(8-9))-1 M96520	SS-RTA14-19 SS-PRA21-SB13 8 - 9 12/10/2010 SS-PRA21-SB13(8-9)-1 SB22223	SS-RTA14-19 SS-PRA21-SB14 1 - 2 12/10/2010 SS-PRA21-SB14(1-2))-1 M96520
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	**21.2**	**2.2**	**2.6**	**30.7**	NS	**6.3**	NS	**30.3**	NS	**12.6**	NS	**8.8**	NS	**43.6**
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	**0.064**	NS	NS	**0.062**	NS	NS	NS	<0.010 U	NS	<0.010 U	NS	NS	NS	**0.033**
Lead	0.15	NE	NE	NE	NS	**0.017**	NS	NS	**0.024**	NS	<0.010 U	NS	**0.015**	NS	<0.010 U	NS	**0.012**	NS	**0.023**
Vanadium	0.5	NE	NE	NE	NS	**0.02**	NS	NS	**0.028 J**	NS	<0.010 U	NS	**0.094 J**	NS	**0.035 J**	NS	**0.014 J**	NS	**0.064 J**
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	<25.0 U	<110 U	<100 U	<100 U	**219 J-**	**571**	<110 U	<25.5 U	**140**	<26.8 U	<110 U	<29.3 U	<100 U	<25.9 U	**178 J**
Aroclor 1260	NE	NE	NE	NE	<25.0 U	**115**	<100 U	<100 U	<100 UJ	**125**	<110 U	<25.5 U	<110 U	**68.4**	<110 U	<29.3 U	<100 U	<25.9 U	<110 UJ
Aroclor 1262	NE	NE	NE	NE	<25.0 U	<110 U	<100 U	<100 U	<100 UJ	<24.2 U	<110 U	<25.5 U	<110 U	<26.8 U	<110 U	<29.3 U	<100 U	<25.9 U	<110 U
Aroclor 1268	NE	NE	NE	NE	<25.0 U	<110 U	<100 U	<100 U	<100 UJ	<24.2 U	<110 U	<25.5 U	<110 U	<26.8 U	<110 U	<29.3 U	<100 U	<25.9 U	<110 U
Total PCBs	NE	1000	10000	50000	<25.0	**115**	<100	<100	**219**	**696**	<110	<25.5	**140**	**68.4**	<110	<29.3	<100	<25.9	**178**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	<0.00025 UJ	<0.00025 UJ	<0.00025 UJ	NS	<0.0235 U	NS	NS	NS	NS	NS	NS	NS	NS	<0.00025 U
Aroclor 1254	NE	NE	NE	NE	NS	<0.00025 UJ	<0.00025 UJ	<0.00025 UJ	NS	<0.0235 U	NS	NS	NS	NS	NS	NS	NS	NS	<0.00025 U
Total PCBs	0.005	NE	NE	NE	NS	<0.00025	<0.00025	<0.00025	NS	<0.0235	NS	NS	NS	NS	NS	NS	NS	NS	<0.00025

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

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U = Analyte not detected above given sample quantitation limit.

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VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB14 1 - 2 12/10/2010 SS-PRA21-SB14(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB14 3 - 4 12/10/2010 SS-PRA21-SB14(3-4))-1 M96520	SS-RTA14-19 SS-PRA21-SB14 3 - 4 12/10/2010 SS-PRA21-SB14(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB14 7 - 8 12/10/2010 SS-PRA21-SB14(7-8))-1 M96520	SS-RTA14-19 SS-PRA21-SB14 7 - 8 12/10/2010 SS-PRA21-SB14(7-8)-1 SB22223	SS-RTA14-19 SS-PRA21-SB24 1 - 2 12/9/2010 SS-PRA21-SB24(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 1 - 2 12/9/2010 SS-PRA21-SB24(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 3 - 4 12/9/2010 SS-PRA21-SB24(3-4)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 3 - 4 12/9/2010 SS-PRA21-SB24(3-4)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 12 - 13 12/9/2010 SS-PRA21-SB24(12-13)20910-1 M96484	SS-RTA14-19 SS-PRA21-SB25 1 - 2 12/9/2010 SS-PRA21-SB25(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 1 - 2 12/9/2010 SS-PRA21-SB25(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 1 - 2 12/9/2010 SS-PRA21-SB25(1-2)-2 M96485	SS-RTA14-19 SS-PRA21-SB25 3 - 4 12/9/2010 SS-PRA21-SB25(3-4)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 3 - 4 12/9/2010 SS-PRA21-SB25(3-4)-1 SB22140
CT-ETPH (mg/Kg)																			
CT-ETPH (C9-C36)	2500	500	2500	NE	**993**	**994 J+**	**2690**	**11900 J+**	**17700**	<17 U	<14.0 U	<18 U	<14.5 U	NS	**103**	**77.1**	**108**	**99.5**	**204**
CT-ETPH - SPLP (mg/l)																			
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	<0.1 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																			
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	<2.2 U	NS	<2.2 U	NS	<2.4 U	<2.2 U	NS	NS	<2.3 U	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	<2.2 U	NS	<2.2 U	NS	<2.4 U	<2.2 U	NS	NS	<2.3 U	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	<5.5 U	NS	<5.5 UJ	NS	**42.3**	<5.5 UJ	NS	NS	<5.8 U	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	<5.5 U	NS	<5.5 UJ	NS	**22.2**	<5.5 UJ	NS	NS	<5.8 U	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	<5.5 UJ	NS	<5.5 U	NS	<6.0 U	**21.2**	NS	NS	<5.8 U	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	<2.2 U	NS	<2.2 U	NS	<2.4 U	<2.2 U	NS	NS	<2.3 U	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	<5.5 U	NS	<5.5 UJ	NS	**30.3**	<5.5 UJ	NS	NS	<5.8 U	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	<5.5 U	NS	<5.5 UJ	NS	<6.0 U	<5.5 UJ	NS	NS	<5.8 U	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	<5.5 U	NS	<5.5 UJ	NS	**11**	<5.5 UJ	NS	NS	<5.8 U	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	<2.2 U	NS	<2.2 U	NS	<2.4 U	<2.2 U	NS	NS	<2.3 U	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	<2.2 U	NS	<2.2 U	NS	<2.4 U	<2.2 U	NS	NS	<2.3 U	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	<2.2 U	NS	<2.2 U	NS	<2.4 U	<2.2 U	NS	NS	<2.3 U	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	<2.2 U	NS	<2.2 U	NS	<2.4 U	<2.2 U	NS	NS	<2.3 U	NS
PAHs (ug/Kg)																			
2-Methylnaphthalene	5500	271000	1000000	NE	<850 U	NS	<985 U	NS	<5350 U	NS	<346 U	NS	<361 U	NS	NS	<356 U	NS	NS	<356 U
Acenaphthene	30000	1000000	2500000	NE	<850 U	<2800 U	<985 U	**11500**	**14400**	<260 U	<346 U	<270 U	<361 U	NS	<270 U	<356 U	<270 U	<270 U	<356 U
Acenaphthylene	84000	1000000	2500000	NE	<850 U	<2800 U	<985 U	<3300 U	<5350 U	<260 U	<346 U	<270 U	<361 U	NS	<270 U	<356 U	**442**	<270 U	<356 U
Anthracene	400000	1000000	2500000	NE	<850 U	**3970**	**1570**	**19900**	**20100**	<260 U	<346 U	<270 U	<361 U	NS	<270 U	**594**	**363**	<270 U	**601**
Benzo(a)anthracene	1000	1000	7800	NE	**903**	**10100**	**4030**	**45000**	**47800**	<260 U	<346 U	<270 U	<361 U	NS	**988**	**2160**	**1340**	**604**	**1430**
Benzo(a)pyrene	1000	1000	1000	NE	**908**	**7830**	**4510**	**26000**	**31800**	<260 U	<346 U	<270 U	<361 U	NS	**793**	**2000**	**1240**	**489**	**1300**
Benzo(b)fluoranthene	1000	1000	7800	NE	**1010**	**6770**	**3910**	**24900**	**37500**	<260 U	<346 U	<270 U	<361 U	NS	**716**	**1990**	**1130**	**444**	**1510**
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	<850 U	**9430**	**2210**	**18600**	**8130**	<260 U	<346 U	<270 U	<361 U	NS	**795**	**751**	**1310**	**510**	**431**
Benzo(k)fluoranthene	1000	8400	78000	NE	**910**	**6780**	**4560**	**23500**	**26900**	<260 U	<346 U	<270 U	<361 U	NS	**731**	**1920**	**973**	**444**	**1090**
Chrysene	9400	84000	780000	NE	**1170**	**10400**	**4460**	**46900**	**40500**	<260 U	<346 U	<270 U	<361 U	NS	**1020**	**2240**	**1370**	**657**	**1400**
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<850 U	<2800 U	<985 U	<3300 U	<5350 U	<260 U	<346 UJ	<270 U	<361 UJ	NS	<270 U	<356 UJ	**369**	<270 U	<356 UJ
Fluoranthene	56000	1000000	2500000	NE	**2260**	**18500**	**8920**	**107000**	**104000**	<260 U	<346 U	<270 U	<361 U	NS	**2010**	**3970**	**2410**	**1200**	**3350**
Fluorene	56000	1000000	2500000	NE	<850 U	<2800 U	<985 U	**13400**	**16600**	<260 U	<346 UJ	<270 U	<361 UJ	NS	<270 U	<356 UJ	<270 U	<270 U	<356 UJ
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	<850 U	**7410**	**2290**	**18000**	**9580**	<260 U	<346 U	<270 U	<361 U	NS	**706**	**931**	**1190**	**447**	**514**
Naphthalene	56000	1000000	2500000	NE	<850 U	<2800 U	<985 U	<3300 U	<5350 U	<260 U	<346 U	<270 U	<361 U	NS	<270 U	<356 U	<270 U	<270 U	<356 U
Phenanthrene	40000	1000000	2500000	NE	**1910**	**12800**	**4860**	**87900**	**78200**	<260 U	<346 U	<270 U	<361 U	NS	**980**	**1970**	**857**	**578**	**2240**
Pyrene	40000	1000000	2500000	NE	**2320**	**16000**	**6960**	**84300**	**87300**	<260 U	<346 U	<270 U	<361 U	NS	**1850**	**3390**	**2040**	**1080**	**2970**
PAHs - SPLP (mg/l)																			
1-Methylnaphthalene	NE	NE	NE	NE	<0.200 UJ	NS	<0.200 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	**0.015**	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Acenaphthylene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Anthracene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	**0.0054**	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Chrysene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Fluoranthene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	**0.0083**	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Fluorene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	**0.0127**	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Naphthalene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	<0.0050 U	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Phenanthrene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	**0.0293**	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Pyrene	NE	NE	NE	NE	<0.200 UJ	<0.0050 U	<0.200 UJ	**0.0052**	NS	NS	NS	NS	NS	NS	<0.0050 UJ	NS	<0.0050 UJ	NS	NS
Total PAHs	NE	NE	NE	NE	ND	ND	ND	**0.0759**	NS	NS	NS	NS	NS	NS	ND	NS	ND	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB14 1 - 2 12/10/2010 SS-PRA21-SB14(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB14 3 - 4 12/10/2010 SS-PRA21-SB14(3-4))-1 M96520	SS-RTA14-19 SS-PRA21-SB14 3 - 4 12/10/2010 SS-PRA21-SB14(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB14 7 - 8 12/10/2010 SS-PRA21-SB14(7-8))-1 M96520	SS-RTA14-19 SS-PRA21-SB14 7 - 8 12/10/2010 SS-PRA21-SB14(7-8)-1 SB22223	SS-RTA14-19 SS-PRA21-SB24 1 - 2 12/9/2010 SS-PRA21-SB24(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 1 - 2 12/9/2010 SS-PRA21-SB24(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 3 - 4 12/9/2010 SS-PRA21-SB24(3-4)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 3 - 4 12/9/2010 SS-PRA21-SB24(3-4)-1 SB22140	SS-RTA14-19 SS-PRA21-SB24 12 - 13 12/9/2010 SS-PRA21-SB24(12-13)20910-1 M96484	SS-RTA14-19 SS-PRA21-SB25 1 - 2 12/9/2010 SS-PRA21-SB25(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 1 - 2 12/9/2010 SS-PRA21-SB25(1-2)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 1 - 2 12/9/2010 SS-PRA21-SB25(1-2)-2 M96485	SS-RTA14-19 SS-PRA21-SB25 3 - 4 12/9/2010 SS-PRA21-SB25(3-4)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 3 - 4 12/9/2010 SS-PRA21-SB25(3-4)-1 SB22140
Metals (mg/Kg)																			
Lead	NE	400	1000	NE	NS	**71.1**	NS	**31.2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																			
Chromium	0.5	NE	NE	NE	NS	**0.3**	NS	**0.12**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	**0.024**	NS	<0.010 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	<0.010 U	NS	<0.010 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																			
Aroclor 1254	NE	NE	NE	NE	**154**	**6100 J**	**2600**	**13700 J**	**6220**	<100 U	<19.6 U	<110 U	<20.8 U	NS	<100 U	<20.6 U	<100 U	<110 U	<20.0 U
Aroclor 1260	NE	NE	NE	NE	**117**	**633 J**	**432**	**775 J**	**549**	<100 U	<19.6 U	<110 U	<20.8 U	NS	**129**	**75.9**	**135**	<110 U	**141**
Aroclor 1262	NE	NE	NE	NE	<24.9 U	<110 UJ	<28.9 U	<130 UJ	<31.2 U	<100 U	<19.6 U	<110 U	<20.8 U	NS	<100 U	<20.6 U	<100 U	**186**	<20.0 U
Aroclor 1268	NE	NE	NE	NE	<24.9 U	<110 UJ	<28.9 U	<130 UJ	<31.2 U	<100 U	<19.6 U	<110 U	<20.8 U	NS	<100 U	**26.6**	<100 U	<110 U	**58.7**
Total PCBs	NE	1000	10000	50000	**271**	**6733**	**3032**	**14475**	**6769**	<100	<19.6 U	<110	<20.8 U	NS	**129**	**102.5**	**135**	**186**	**199.7**
PCBs-SPLP (mg/L)																			
Aroclor 1248	NE	NE	NE	NE	<0.0421 U	**0.0011**	<0.0421 U	<0.00025 U	NS	NS	NS	NS	NS	NS	<0.00025 UJ	NS	<0.00025 UJ	<0.00025 UJ	NS
Aroclor 1254	NE	NE	NE	NE	<0.0421 U	<0.00025 U	<0.0421 U	<0.00025 U	NS	NS	NS	NS	NS	NS	<0.00025 UJ	NS	<0.00025 UJ	<0.00025 UJ	NS
Total PCBs	0.005	NE	NE	NE	ND	**0.0011**	ND	<0.00025	NS	NS	NS	NS	NS	NS	<0.00025	NS	<0.00025	<0.00025	NS

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Bold = Analyte detected above reporting limit.

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Green highlighted cells exceed I/C DEC.

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U = Analyte not detected above given sample quantitation limit.

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mg/L = Milligrams per liter

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Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB25 3 - 4 12/9/2010 SS-PRA21-SB25(3-4)-2 SB22140	SS-RTA14-19 SS-PRA21-SB25 7 - 8 12/9/2010 SS-PRA21-SB25(7-8)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 7 - 8 12/9/2010 SS-PRA21-SB25(7-8)-1 SB22140	SS-RTA14-19 SS-PRA21-SB26 1 - 2 12/9/2010 SS-PRA21-SB26(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB26 1 - 2 12/9/2010 SS-PRA21-SB26(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB26 3 - 4 12/9/2010 SS-PRA21-SB26(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB26 3 - 4 12/9/2010 SS-PRA21-SB26(3-4)-1 M96486	SS-RTA14-19 SS-PRA21-SB27 1.5 - 1.5 8/3/2011 SS-PRA21-SB27(0.5-1.5)-1 SB32928	SS-RTA14-19 SS-PRA21-SB27 3 - 4 8/3/2011 SS-PRA21-SB27(3-4)-1 SB32928	SS-RTA14-19 SS-PRA21-SB27 7.5 - 8.5 8/3/2011 SS-PRA21-SB27(7.5-8.5)-1 SB32928	SS-RTA14-19 SS-PRA21-SB28 1 - 2 8/3/2011 SS-PRA21-SB28(1-2)-1 SB32928	SS-RTA14-19 SS-PRA21-SB28 3 - 4 8/3/2011 SS-PRA21-SB28(3-4)-1 SB32928	SS-RTA14-19 SS-PRA21-SB29 1 - 2 8/3/2011 SS-PRA21-SB29(1-2)-1 SB32928	SS-RTA14-19 SS-PRA21-SB29 3 - 4 8/3/2011 SS-PRA21-SB29(3-4')-1 SB32928	SS-RTA14-19 SS-PRA21-SB29 8 - 9 8/3/2011 SS-PRA21-SB29(8-9)-1 SB33031
CT-ETPH (mg/Kg)																			
CT-ETPH (C9-C36)	2500	500	2500	NE	**154**	**528**	NS	**19.5**	<18.2 U	<19.1 U	**18.9**	**114**	**16500**	**11900**	**526**	**572**	**120**	**610**	**1270**
CT-ETPH - SPLP (mg/l)																			
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	**1.2 J**	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																			
1,1-Dichloroethane	14000	500000	1000000	NE	NS	<2.3 U	NS	<2.3 U	NS	NS	<2.2 U	NS	<132 U	<62.4 U	NS	NS	NS	NS	<3.9 U
1,1-Dichloroethylene	1400	1000	9500	NE	NS	<2.3 U	NS	<2.3 U	NS	NS	<2.2 U	NS	<132 U	<62.4 U	NS	NS	NS	NS	<3.9 U
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	**10.0 J**	NS	<5.7 UJ	NS	NS	<5.6 UJ	NS	<132 U	**273 J**	NS	NS	NS	NS	<3.9 U
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	<5.8 UJ	NS	<5.7 UJ	NS	NS	<5.6 UJ	NS	<132 U	<62.4 UJ	NS	NS	NS	NS	<3.9 U
Acetone	140000	500000	1000000	NE	NS	**32.3**	NS	<5.7 U	NS	NS	<5.6 UJ	NS	<1320 U	<624 U	NS	NS	NS	NS	<39.5 U
Methylene chloride	1000	82000	760000	NE	NS	<2.3 U	NS	<2.3 U	NS	NS	<2.2 U	NS	<265 U	<125 U	NS	NS	NS	NS	<7.9 U
Naphthalene	56000	1000000	2500000	NE	NS	**22.0 J**	NS	<5.7 UJ	NS	NS	<5.6 UJ	NS	**1200**	**740**	NS	NS	NS	NS	<3.9 U
n-Butylbenzene	2000	500000	1000000	NE	NS	<5.8 UJ	NS	<5.7 UJ	NS	NS	<5.6 UJ	NS	**372**	**106**	NS	NS	NS	NS	<3.9 U
sec-Butylbenzene	2000	500000	1000000	NE	NS	<5.8 UJ	NS	<5.7 UJ	NS	NS	<5.6 UJ	NS	**152**	**78**	NS	NS	NS	NS	<3.9 U
Tetrachloroethylene	1000	12000	110000	NE	NS	<2.3 U	NS	<2.3 U	NS	NS	<2.2 U	NS	<132 U	<62.4 U	NS	NS	NS	NS	<3.9 U
Trichloroethene	1000	56000	520000	NE	NS	<2.3 U	NS	<2.3 U	NS	NS	<2.2 U	NS	<132 U	<62.4 U	NS	NS	NS	NS	<3.9 U
Trichlorofluoromethane	35000	500000	1000000	NE	NS	<2.3 U	NS	<2.3 U	NS	NS	<2.2 U	NS	<132 U	<62.4 U	NS	NS	NS	NS	<3.9 U
Vinyl chloride	400	320	3000	NE	NS	<2.3 U	NS	<2.3 U	NS	NS	<2.2 U	NS	<132 U	<62.4 U	NS	NS	NS	NS	<3.9 U
PAHs (ug/Kg)																			
2-Methylnaphthalene	5500	271000	1000000	NE	<352 U	**339 J**	<3890 U	NS	<452 U	<474 U	NS	<344 U	<7500 U	<3710 U	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Acenaphthene	30000	1000000	2500000	NE	<352 U	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**40000**	**8310**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Acenaphthylene	84000	1000000	2500000	NE	<352 U	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	<7500 U	<3710 U	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Anthracene	400000	1000000	2500000	NE	<352 U	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**24800**	**22100**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Benzo(a)anthracene	1000	1000	7800	NE	**495**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**47900**	**49400**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Benzo(a)pyrene	1000	1000	1000	NE	**441**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**31700**	**33600**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Benzo(b)fluoranthene	1000	1000	7800	NE	**480**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**29700**	**33400**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	<352 U	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**12600**	**20000 J**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Benzo(k)fluoranthene	1000	8400	78000	NE	**426**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**32700**	**28200**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Chrysene	9400	84000	780000	NE	**456**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**47400**	**46600**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<352 UJ	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	<7500 U	**4690 J**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Fluoranthene	56000	1000000	2500000	NE	**875**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**144000**	**124000**	<1710 U	<1730 U	**427**	<1720 U	<1770 U
Fluorene	56000	1000000	2500000	NE	<352 UJ	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**28500**	**12100**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	<352 U	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**12900**	**22400 J**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Naphthalene	56000	1000000	2500000	NE	<352 U	**383 J**	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	<7500 U	<3710 U	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Phenanthrene	40000	1000000	2500000	NE	**357**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**135000**	**80700**	<1710 U	<1730 U	<329 U	<1720 U	<1770 U
Pyrene	40000	1000000	2500000	NE	**868**	<310 UJ	<3890 U	<270 U	<452 U	<474 U	<270 U	<344 U	**82700**	**94000**	<1710 U	<1730 U	**341**	<1720 U	<1770 U
PAHs - SPLP (mg/l)																			
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.00334 J**	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.0088 J**	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000105 UJ	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.00739 J**	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.000779 J**	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.0002 J**	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.0002 J**	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.000179 J**	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.00105 UJ	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0000526 UJ	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.00895 J**	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.0101 J**	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000105 UJ	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.00462 J**	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.0254 J**	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.00586 J**	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.075818**	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-SB25 3 - 4 12/9/2010 SS-PRA21-SB25(3-4)-2 SB22140	SS-RTA14-19 SS-PRA21-SB25 7 - 8 12/9/2010 SS-PRA21-SB25(7-8)-1 SB22140	SS-RTA14-19 SS-PRA21-SB25 7 - 8 12/9/2010 SS-PRA21-SB25(7-8)-1 SB22140	SS-RTA14-19 SS-PRA21-SB26 1 - 2 12/9/2010 SS-PRA21-SB26(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB26 1 - 2 12/9/2010 SS-PRA21-SB26(1-2)-1 SB22223	SS-RTA14-19 SS-PRA21-SB26 3 - 4 12/9/2010 SS-PRA21-SB26(3-4)-1 SB22223	SS-RTA14-19 SS-PRA21-SB26 3 - 4 12/9/2010 SS-PRA21-SB26(3-4)-1 M96486	SS-RTA14-19 SS-PRA21-SB27 1.5 - 1.5 8/3/2011 SS-PRA21-SB27(0.5-1.5)-1 SB32928	SS-RTA14-19 SS-PRA21-SB27 3 - 4 8/3/2011 SS-PRA21-SB27(3-4)-1 SB32928	SS-RTA14-19 SS-PRA21-SB27 7.5 - 8.5 8/3/2011 SS-PRA21-SB27(7.5-8.5)-1 SB32928	SS-RTA14-19 SS-PRA21-SB28 1 - 2 8/3/2011 SS-PRA21-SB28(1-2)-1 SB32928	SS-RTA14-19 SS-PRA21-SB28 3 - 4 8/3/2011 SS-PRA21-SB28(3-4)-1 SB32928	SS-RTA14-19 SS-PRA21-SB29 1 - 2 8/3/2011 SS-PRA21-SB29(1-2)-1 SB32928	SS-RTA14-19 SS-PRA21-SB29 3 - 4 8/3/2011 SS-PRA21-SB29(3-4')-1 SB32928	SS-RTA14-19 SS-PRA21-SB29 8 - 9 8/3/2011 SS-PRA21-SB29(8-9)-1 SB33031
Metals (mg/Kg)																			
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	**24.9**	**161**	**127**	**21.7**	**16.3**	**5.54**	**43.8**	NS
Metals-SPLP/TCLP (mg/l)																			
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	**0.0076 J**	NS	NS	<0.0075 UJ	<0.0075 UJ	<0.0075 UJ	<0.0075 UJ	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																			
Aroclor 1254	NE	NE	NE	NE	<19.9 UJ	<120 U	<22.4 U	<100 U	<26.9 U	<27.9 U	<110 U	<20.5 U	**11000**	**6190 J**	<19.3 U	<20.5 U	<19.9 U	<20.8 U	<21.8 U
Aroclor 1260	NE	NE	NE	NE	**96.0 J**	<120 U	**40.9**	<100 U	<26.9 U	<27.9 U	<110 U	<20.5 U	**605**	**356**	<19.3 U	**26.6**	<19.9 U	<20.8 U	<21.8 U
Aroclor 1262	NE	NE	NE	NE	<19.9 UJ	<120 U	<22.4 U	<100 U	<26.9 U	<27.9 U	<110 U	**48.1**	<22.4 U	<22.4 U	**154**	<20.5 U	<19.9 U	**85.1**	<21.8 U
Aroclor 1268	NE	NE	NE	NE	**50.8 J**	<120 U	<22.4 U	<100 U	<26.9 U	<27.9 U	<110 U	<20.5 U	<22.4 U	<22.4 U	<19.3 U	<20.5 U	<19.9 U	<20.8 U	<21.8 U
Total PCBs	NE	1000	10000	50000	**146.8**	<120	**40.9**	<100	<26.9	<27.9	<110	**48.1**	**11605**	**6546**	**154**	**26.6**	<19.9 U	**85.1**	<21.8 U
PCBs-SPLP (mg/L)																			
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	<0.00020 UJ	<0.000211 UJ	<0.00020 UJ	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	<0.00020 UJ	<0.000211 UJ	<0.00020 UJ	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	<0.00020 UJ	<0.000211 UJ	<0.00020 UJ	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-TP01 1.5 - 2 10/26/2010 SS-PRA21-TP01(1.5-2)-1 M95372	SS-RTA14-19 SS-PRA34-SB01 1 - 2 12/13/2010 SS-PRA34-SB01(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 1 - 2 12/13/2010 SS-PRA34-SB01(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 3 - 4 12/13/2010 SS-PRA34-SB01(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 3 - 4 12/13/2010 SS-PRA34-SB01(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 3 - 4 12/13/2010 SS-PRA34-SB01(3-4)-2 M96566	SS-RTA14-19 SS-PRA34-SB01 7 - 7.5 12/13/2010 SS-PRA34-SB01(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 7 - 7.5 12/13/2010 SS-PRA34-SB01(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 1 - 2 12/13/2010 SS-PRA34-SB02(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 1 - 2 12/13/2010 SS-PRA34-SB02(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 3 - 4 12/13/2010 SS-PRA34-SB02(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 3 - 4 12/13/2010 SS-PRA34-SB02(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 7 - 7.5 12/13/2010 SS-PRA34-SB02(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 7 - 7.5 12/13/2010 SS-PRA34-SB02(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB03 1 - 2 8/3/2011 SS-PRA34-SB03(1-2)-1 SB32928
CT-ETPH (mg/Kg)																			
CT-ETPH (C9-C36)	2500	500	2500	NE	**222**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**80.6**
CT-ETPH - SPLP (mg/l)																			
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																			
1,1-Dichloroethane	14000	500000	1000000	NE	<2.0 U	<2.5 U	NS	<2.3 U	NS	<2.2 U	<2.2 U	NS	<2.2 U	NS	<2.2 U	NS	<2.1 U	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	<2.0 U	<2.5 U	NS	<2.3 U	NS	<2.2 U	<2.2 U	NS	<2.2 U	NS	<2.2 U	NS	<2.1 U	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	<5.1 U	<6.4 U	NS	<5.8 U	NS	<5.5 U	<5.5 UJ	NS	<5.5 U	NS	<5.6 U	NS	<5.3 U	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	<5.1 U	<6.4 U	NS	<5.8 U	NS	<5.5 U	<5.5 UJ	NS	<5.5 U	NS	<5.6 U	NS	<5.3 U	NS	NS
Acetone	140000	500000	1000000	NE	<5.1 U	<6.4 U	NS	<5.8 U	NS	<5.5 U	<5.5 U	NS	<5.5 U	NS	<5.6 U	NS	<5.3 U	NS	NS
Methylene chloride	1000	82000	760000	NE	<2.0 U	<2.5 U	NS	<2.3 U	NS	<2.2 U	<2.2 U	NS	<2.2 U	NS	<2.2 U	NS	<2.1 U	NS	NS
Naphthalene	56000	1000000	2500000	NE	<5.1 U	<6.4 U	NS	<5.8 U	NS	<5.5 U	<5.5 UJ	NS	<5.5 U	NS	<5.6 UJ	NS	<5.3 U	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	<5.1 U	<6.4 U	NS	<5.8 U	NS	<5.5 U	<5.5 UJ	NS	<5.5 U	NS	<5.6 U	NS	<5.3 U	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	<5.1 U	<6.4 U	NS	<5.8 U	NS	<5.5 U	<5.5 UJ	NS	<5.5 U	NS	<5.6 U	NS	<5.3 U	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	<2.0 U	<2.5 U	NS	<2.3 U	NS	<2.2 U	<2.2 U	NS	<2.2 U	NS	<2.2 U	NS	<2.1 U	NS	NS
Trichloroethene	1000	56000	520000	NE	<2.0 U	<2.5 U	NS	**2.5**	NS	<2.2 U	**3.9**	NS	<2.2 U	NS	<2.2 U	NS	<2.1 U	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	<2.0 U	<2.5 U	NS	<2.3 U	NS	<2.2 U	<2.2 U	NS	<2.2 U	NS	<2.2 U	NS	<2.1 U	NS	NS
Vinyl chloride	400	320	3000	NE	<2.0 U	<2.5 U	NS	<2.3 U	NS	<2.2 U	<2.2 U	NS	<2.2 U	NS	<2.2 U	NS	<2.1 U	NS	NS
PAHs (ug/Kg)																			
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	<1840 U	NS	<367 U	NS	NS	<366 U	NS	<356 U	NS	<357 U	NS	<344 U	<333 U
Acenaphthene	30000	1000000	2500000	NE	<260 U	<270 UJ	<1840 U	<290 U	<367 U	<270 U	**351**	<366 U	<270 U	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Acenaphthylene	84000	1000000	2500000	NE	<260 U	<270 UJ	<1840 U	<290 U	<367 U	<270 U	<280 U	<366 U	**291**	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Anthracene	400000	1000000	2500000	NE	<260 U	**642 J**	**2010**	<290 U	<367 U	<270 U	**766**	<366 U	<270 U	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Benzo(a)anthracene	1000	1000	7800	NE	<260 U	**2510 J**	**7420**	**346**	<367 U	<270 U	**1790**	**1160**	**613**	**468**	<270 U	<357 U	<260 U	<344 U	<333 U
Benzo(a)pyrene	1000	1000	1000	NE	<260 U	**1710 J**	**5660**	<290 U	<367 U	<270 U	**1570**	**1030**	**623**	**568**	<270 U	<357 U	<260 U	<344 U	<333 U
Benzo(b)fluoranthene	1000	1000	7800	NE	<260 U	**1520 J**	**6260**	<290 U	<367 U	<270 U	**1290**	**1080**	**605**	**549**	<270 U	<357 U	<260 U	<344 U	<333 U
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	<260 U	**1160 J**	<1840 U	**296**	<367 U	<270 U	**1400**	<366 U	**986**	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Benzo(k)fluoranthene	1000	8400	78000	NE	<260 U	**1370 J**	**6700**	<290 U	<367 U	<270 U	**1160**	**1100**	**436**	**500**	<270 U	<357 U	<260 U	<344 U	<333 U
Chrysene	9400	84000	780000	NE	<260 U	**2930 J**	**8300**	**379**	<367 U	<270 U	**2010**	**1090**	**724**	**432**	<270 U	<357 U	<260 U	<344 U	<333 U
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<260 U	<270 UJ	<1840 U	<290 U	<367 U	<270 U	<280 U	<366 U	<270 U	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Fluoranthene	56000	1000000	2500000	NE	**310**	**4650 J**	**13700**	**549**	**599**	**336**	**3590**	**2210**	**804**	**631**	<270 U	<357 U	<260 U	<344 U	**355**
Fluorene	56000	1000000	2500000	NE	<260 U	<270 UJ	<1840 UJ	<290 U	<367 UJ	<270 U	<280 U	<366 UJ	<270 U	<356 UJ	<270 U	<357 UJ	<260 U	<344 UJ	<333 U
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	<260 U	**1110 J**	<1840 U	<290 U	<367 U	<270 U	**1230**	<366 U	**800**	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Naphthalene	56000	1000000	2500000	NE	<260 U	<270 UJ	<1840 U	<290 U	<367 U	<270 U	<280 U	<366 U	<270 U	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Phenanthrene	40000	1000000	2500000	NE	<260 U	**2650 J**	**6710**	**358**	<367 U	<270 U	**2780**	**1070**	**503**	<356 U	<270 U	<357 U	<260 U	<344 U	<333 U
Pyrene	40000	1000000	2500000	NE	**295**	**4550 J**	**12200**	**639**	**573**	**385**	**3640**	**2070**	**1110**	**796**	<270 U	<357 U	<260 U	<344 U	<333 U
PAHs - SPLP (mg/l)																			
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	<0.0002 UJ	NS	NS	NS	NS	<0.0002 UJ	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	<0.0050 UJ	<0.0002 U	NS	NS	NS	<0.0050 UJ	<0.200 U	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	ND	ND	NS	NS	NS	ND		NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA21-TP01 1.5 - 2 10/26/2010 SS-PRA21-TP01(1.5-2)-1 M95372	SS-RTA14-19 SS-PRA34-SB01 1 - 2 12/13/2010 SS-PRA34-SB01(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 1 - 2 12/13/2010 SS-PRA34-SB01(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 3 - 4 12/13/2010 SS-PRA34-SB01(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 3 - 4 12/13/2010 SS-PRA34-SB01(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 3 - 4 12/13/2010 SS-PRA34-SB01(3-4)-2 M96566	SS-RTA14-19 SS-PRA34-SB01 7 - 7.5 12/13/2010 SS-PRA34-SB01(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB01 7 - 7.5 12/13/2010 SS-PRA34-SB01(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 1 - 2 12/13/2010 SS-PRA34-SB02(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 1 - 2 12/13/2010 SS-PRA34-SB02(1-2)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 3 - 4 12/13/2010 SS-PRA34-SB02(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 3 - 4 12/13/2010 SS-PRA34-SB02(3-4)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 7 - 7.5 12/13/2010 SS-PRA34-SB02(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB02 7 - 7.5 12/13/2010 SS-PRA34-SB02(7-7.5)-1 SB22299	SS-RTA14-19 SS-PRA34-SB03 1 - 2 8/3/2011 SS-PRA34-SB03(1-2)-1 SB32928
Metals (mg/Kg)																			
Lead	NE	400	1000	NE	**25.9**	**46.1**	NS	**29.3**	NS	**21.1**	**21.6**	NS	**39.5**	NS	**5.6**	NS	**2.5**	NS	NS
Metals-SPLP/TCLP (mg/l)																			
Chromium	0.5	NE	NE	NE	**0.042**	**0.47 J+**	NS	**0.16 J+**	NS	**0.080 J+**	**0.046 J+**	NS	**0.17 J+**	NS	**0.024 J+**	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	**0.023**	**0.064**	NS	**0.027**	NS	NS	**0.016**	NS	**0.13**	NS	<0.010 U	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	**0.029**	**0.026**	NS	<0.010 U	NS	<0.010 U	<0.010 U	NS	<0.010 U	NS	<0.010 U	NS	NS	NS	NS
PCBs (ug/Kg)																			
Aroclor 1254	NE	NE	NE	NE	**293**	**264 J**	**304 J**	**123 J**	<20.5 U	<110 U	**248 J**	**155**	<110 U	<20.6 U	<100 U	<20.2 U	<99 U	<19.8 U	<20.1 U
Aroclor 1260	NE	NE	NE	NE	**108**	**248 J**	**234 J**	**186**	**107**	**124**	<110 UJ	**68.1**	**215**	**122**	<100 U	<20.2 U	<99 U	<19.8 U	<20.1 U
Aroclor 1262	NE	NE	NE	NE	<100 U	<110 U	<22.7 UJ	<120 U	<20.5 U	<110 U	<110 UJ	<20.8 U	<110 U	<20.6 U	<100 U	<20.2 U	<99 U	<19.8 U	<20.1 U
Aroclor 1268	NE	NE	NE	NE	<100 U	<110 U	<22.7 UJ	<120 U	<20.5 U	<110 U	<110 UJ	<20.8 U	<110 U	**62.5**	<100 U	<20.2 U	<99 U	<19.8 U	<20.1 U
Total PCBs	NE	1000	10000	50000	**401**	**512**	**538**	**309**	**107**	**124**	**248**	**223.1**	**215**	**184.5**	<100	<20.2 U	<99	<19.8 U	<20.1 U
PCBs-SPLP (mg/L)																			
Aroclor 1248	NE	NE	NE	NE	<0.00025 UJ	<0.00025 UJ	<0.0000455 U	<0.00025 UJ	<0.0000211 U	<0.00025 UJ	<0.00025 UJ	<0.0000421 U	<0.00025 UJ	<0.000025 U	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	<0.00025 UJ	<0.00025 UJ	<0.0000455 U	<0.00025 UJ	<0.0000211 U	<0.00025 UJ	<0.00025 UJ	<0.0000421 U	<0.00025 UJ	<0.000025 U	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	<0.00025	<0.00025	<0 U	<0.00025	<0 U	<0.00025	<0.00025	<0 U	<0.00025	<0 U	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA34-SB03 2.5 - 3.5 8/3/2011 SS-PRA34-SB03(2.5-3.5)-1 SB32928	SS-RTA14-19 SS-PRA34-SB03 7.5 - 8.5 8/3/2011 SS-PRA34-SB03(7.5-8.5)-1 SB32928	SS-RTA14-19 SS-PRA34-SB04 1 - 2 8/3/2011 SS-PRA34-SB04(1-2)-1 SB33031	SS-RTA14-19 SS-PRA34-SB04 3 - 4 8/3/2011 SS-PRA34-SB04(3-4)-1 SB33031	SS-RTA14-19 SS-PRA34-SB04 7.5 - 8.5 8/3/2011 SS-PRA34-SB04(7.5-8.5)-1 SB33031	SS-RTA14-19 SS-PRA34-SB05 1 - 2 10/13/2011 SS-PRA34-SB05 (1-2)-1 SB37571	SS-RTA14-19 SS-PRA34-SB05 3 - 4 10/13/2011 SS-PRA34-SB05 (3-4)-1 SB37571	SS-RTA14-19 SS-PRA34-SB05 5 - 6 10/13/2011 SS-PRA34-SB05 (5-6)-1 SB37571	SS-RTA14-19 SS-PRA34-SB06 1 - 2 9/21/2011 SS-PRA34-SB06 (1-2)-1 SB35840	SS-RTA14-19 SS-PRA34-SB06 3 - 4 9/21/2011 SS-PRA34-SB06 (3-4)-1 SB35840	SS-RTA14-19 SS-PRA34-SB06 6 - 7 10/13/2011 SS-PRA34-SB06 (6-7)-1 SB37571	SS-RTA14-19 SS-PRA34-TP01 1.5 - 2 10/26/2010 SS-PRA34-TP01(1.5-2)-1 M95372	SS-RTA14-19 SS-PRA34-TP01 3 - 4 10/26/2010 SS-PRA34-TP01(3-4)-1 M95372	SS-RTA14-19 SS-PRA34-TP01 14.5 - 15 11/12/2010 SS-PRA34-TP01(14.5-15)-1 M95836	SS-RTA14-19 SS-PRA34-TP02 1.5 - 2 10/26/2010 SS-PRA34-TP02(1.5-2)-1 M95372
CT-ETPH (mg/Kg)																			
CT-ETPH (C9-C36)	2500	500	2500	NE	**2380**	<14.3 U	**270**	**67.3**	**53.6**	<15.3 U	<14.0 U	<14.6 U	<14.9 U	<13.7 U	**146**	**359**	**978**	**244**	**234**
CT-ETPH - SPLP (mg/l)																			
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																			
1,1-Dichloroethane	14000	500000	1000000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<2.0 U	<2.1 U	**4.4**	<2.0 U
1,1-Dichloroethylene	1400	1000	9500	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<2.0 U	<2.1 U	**2.4**	<2.0 U
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<5.0 U	<5.3 U	<5.9 UJ	<5.1 U
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<5.0 U	<5.3 U	<5.9 UJ	<5.1 U
Acetone	140000	500000	1000000	NE	<41.1 U	<41.8 U	NS	NS	NS	NS	NS	<58.9 U	**171**	<53.2 U	<53.7 U	<5.0 U	<5.3 U	<5.9 UJ	<5.1 U
Methylene chloride	1000	82000	760000	NE	<8.2 U	<8.4 U	NS	NS	NS	NS	NS	<11.8 U	<12.3 U	<10.6 U	<10.7 U	<2.0 U	<2.1 U	<2.4 UJ	<2.0 U
Naphthalene	56000	1000000	2500000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<5.0 U	<5.3 U	<5.9 UJ	<5.1 U
n-Butylbenzene	2000	500000	1000000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<5.0 U	<5.3 U	<5.9 UJ	<5.1 U
sec-Butylbenzene	2000	500000	1000000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<5.0 U	<5.3 U	<5.9 UJ	<5.1 U
Tetrachloroethylene	1000	12000	110000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<2.0 U	**5.5**	<2.4 UJ	<2.0 U
Trichloroethene	1000	56000	520000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<2.0 U	**43**	**10.3**	**3.7**
Trichlorofluoromethane	35000	500000	1000000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<2.0 U	<2.1 U	**4.4 J+**	<2.0 U
Vinyl chloride	400	320	3000	NE	<4.1 U	<4.2 U	NS	NS	NS	NS	NS	<5.9 U	<6.1 U	<5.3 U	<5.4 U	<2.0 U	<2.1 U	<2.4 UJ	<2.0 U
PAHs (ug/Kg)																			
2-Methylnaphthalene	5500	271000	1000000	NE	<6790 U	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	<6790 U	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	<250 U	<270 U	<280 U	<260 U
Acenaphthylene	84000	1000000	2500000	NE	<6790 U	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**881**	<270 U	<280 U	<260 U
Anthracene	400000	1000000	2500000	NE	<6790 U	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**373**	<270 U	**360**	**269**
Benzo(a)anthracene	1000	1000	7800	NE	**19500**	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**2390**	**535**	**981**	**770**
Benzo(a)pyrene	1000	1000	1000	NE	**16600**	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**2350**	**477**	**649**	**642**
Benzo(b)fluoranthene	1000	1000	7800	NE	**14100**	<354 U	<1710 U	<354 UJ	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**1870**	**461**	**613**	**521**
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	**8800**	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**2160**	**615**	**534**	**487**
Benzo(k)fluoranthene	1000	8400	78000	NE	**17900**	<354 U	<1710 U	<354 UJ	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**1680**	**392**	**721**	**573**
Chrysene	9400	84000	780000	NE	**19100**	<354 U	<1710 U	<354 UJ	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**2630**	**565**	**1110**	**837**
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<6790 U	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**752**	<270 U	<280 U	<260 U
Fluoranthene	56000	1000000	2500000	NE	**39300**	<354 U	<1710 U	<354 UJ	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**3090**	**776**	**2070**	**1720**
Fluorene	56000	1000000	2500000	NE	<6790 U	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	<250 U	<270 U	<280 U	<260 U
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	**9070**	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**1810**	**490**	**464**	**476**
Naphthalene	56000	1000000	2500000	NE	<6790 U	<354 U	<1710 U	<354 U	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	<250 U	<270 U	<280 U	<260 U
Phenanthrene	40000	1000000	2500000	NE	**16600**	<354 U	<1710 U	<354 UJ	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**1160**	<270 U	**1330**	**953**
Pyrene	40000	1000000	2500000	NE	**32300**	<354 U	<1710 U	<354 UJ	<351 U	<380 U	<348 U	<361 U	<371 U	<340 U	<857 U	**3690**	**731**	**2040**	**1530**
PAHs - SPLP (mg/l)																			
1-Methylnaphthalene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	**0.00015**	NS
Acenaphthylene	NE	NE	NE	NE	<0.000111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.00010 U	NS
Anthracene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	**0.00029**	NS
Benzo(a)anthracene	NE	NE	NE	NE	**0.0001 J**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	**0.000056**	NS
Benzo(a)pyrene	NE	NE	NE	NE	**0.000133 J**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.00010 U	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	**0.000111 J**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.000052 U	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	**0.000122 J**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.00010 U	NS
Chrysene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.00010 U	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	<0.0000556 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.00010 U	NS
Fluoranthene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	**0.00038**	NS
Fluorene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	**0.00028**	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	<0.000111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.00010 U	NS
Naphthalene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	<0.00010 U	NS
Phenanthrene	NE	NE	NE	NE	**0.000511 J**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	**0.00093**	NS
Pyrene	NE	NE	NE	NE	<0.00111 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050 U	NS	**0.00032**	NS
Total PAHs	NE	NE	NE	NE	**0.000977**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	**0.002406**	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA34-SB03 2.5 - 3.5 8/3/2011 SS-PRA34-SB03(2.5-3.5)-1 SB32928	SS-RTA14-19 SS-PRA34-SB03 7.5 - 8.5 8/3/2011 SS-PRA34-SB03(7.5-8.5)-1 SB32928	SS-RTA14-19 SS-PRA34-SB04 1 - 2 8/3/2011 SS-PRA34-SB04(1-2)-1 SB33031	SS-RTA14-19 SS-PRA34-SB04 3 - 4 8/3/2011 SS-PRA34-SB04(3-4)-1 SB33031	SS-RTA14-19 SS-PRA34-SB04 7.5 - 8.5 8/3/2011 SS-PRA34-SB04(7.5-8.5)-1 SB33031	SS-RTA14-19 SS-PRA34-SB05 1 - 2 10/13/2011 SS-PRA34-SB05 (1-2)-1 SB37571	SS-RTA14-19 SS-PRA34-SB05 3 - 4 10/13/2011 SS-PRA34-SB05 (3-4)-1 SB37571	SS-RTA14-19 SS-PRA34-SB05 5 - 6 10/13/2011 SS-PRA34-SB05 (5-6)-1 SB37571	SS-RTA14-19 SS-PRA34-SB06 1 - 2 9/21/2011 SS-PRA34-SB06 (1-2)-1 SB35840	SS-RTA14-19 SS-PRA34-SB06 3 - 4 9/21/2011 SS-PRA34-SB06 (3-4)-1 SB35840	SS-RTA14-19 SS-PRA34-SB06 6 - 7 10/13/2011 SS-PRA34-SB06 (6-7)-1 SB37571	SS-RTA14-19 SS-PRA34-TP01 1.5 - 2 10/26/2010 SS-PRA34-TP01(1.5-2)-1 M95372	SS-RTA14-19 SS-PRA34-TP01 3 - 4 10/26/2010 SS-PRA34-TP01(3-4)-1 M95372	SS-RTA14-19 SS-PRA34-TP01 14.5 - 15 11/12/2010 SS-PRA34-TP01(14.5-15)-1 M95836	SS-RTA14-19 SS-PRA34-TP02 1.5 - 2 10/26/2010 SS-PRA34-TP02(1.5-2)-1 M95372
Metals (mg/Kg)																		
Lead	NE	400	1000	NE	**22.6**	NS	NS	NS	NS	**107**	**3.09**	**4.18**	**5.54**	**3.57**	**4.55**	**61.6**	**78.1**	**5.6**	**56.4**
Metals-SPLP/TCLP (mg/l)																		
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.010 U	**1.3**	NS	<0.010 U
Lead	0.15	NE	NE	NE	<0.0150 UJ	NS	NS	NS	NS	NS	NS	NS	<0.0150 UJ	<0.0150 UJ	NS	**0.041**	**0.062**	**0.019**	**0.047**
Vanadium	0.5	NE	NE	NE	<0.0100 UJ	NS	NS	NS	NS	NS	NS	NS	<0.0100 UJ	<0.0100 UJ	NS	**0.052**	<0.010 U	**0.022**	**0.12**
PCBs (ug/Kg)																		
Aroclor 1254	NE	NE	NE	NE	<20.6 U	<20.8 U	<20.2 U	<21.4 U	<21.6 U	<23.0 U	<21.2 U	<22.0 U	**2230**	**23.4**	**21800**	<100 U	<110 U	**234**	**993**
Aroclor 1260	NE	NE	NE	NE	<20.6 U	<20.8 U	<20.2 U	**142**	**153**	<23.0 U	<21.2 U	<22.0 U	<22.1 U	<20.4 U	<21.1 U	<100 U	**323**	<120 U	**140**
Aroclor 1262	NE	NE	NE	NE	<20.6 U	<20.8 U	<20.2 U	<21.4 U	<21.6 U	<23.0 U	<21.2 U	<22.0 U	<22.1 U	<20.4 U	<21.1 U	<100 U	<110 U	<120 U	<110 U
Aroclor 1268	NE	NE	NE	NE	<20.6 U	<20.8 U	<20.2 U	**122**	**83.7**	<23.0 U	<21.2 U	<22.0 U	<22.1 U	<20.4 U	<21.1 U	<100 U	<110 U	<120 U	<110 U
Total PCBs	NE	1000	10000	50000	<20.6 U	<20.8 U	<20.2 U	**264**	**236.7**	<23.0	<21.2	<22.0	**2230**	**23.4**	**21800**	<100	**323**	**234**	**1133**
PCBs-SPLP (mg/L)																		
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	<0.000211 U	<0.0002 U	NS	NS	NS	<0.0002 UJ	NS	<0.000211 UJ	NS	<0.00025 UJ	<0.00025 UJ	<0.00025 UJ
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	<0.000211 U	<0.0002 U	NS	NS	NS	**0.00128 J**	NS	**0.00213 J**	NS	<0.00025 UJ	<0.00025 UJ	<0.00025 UJ
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	<0.000211 U	<0.0002 U	NS	NS	NS	**0.00128 J**	NS	**0.00213**	NS	<0.00025	<0.00025	<0.00025

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA34-TP02 3 - 4 10/26/2010 SS-PRA34-TP02(3-4)-1 M95372	SS-RTA14-19 SS-PRA34-TP03 0 - 2 12/7/2010 SS-PRA34-TP03 (0.0-2.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP03 0 - 2 12/7/2010 SS-PRA34-TP03(0.0-2.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP03 2 - 4 12/7/2010 SS-PRA34-TP03 (2.0-4.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP03 2 - 4 12/7/2010 SS-PRA34-TP03(2.0-4.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP03 8 - 9 12/7/2010 SS-PRA34-TP03 (8.0-9.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP03 8 - 9 12/7/2010 SS-PRA34-TP03(8.0-9.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP04 0 - 2 12/7/2010 SS-PRA34-TP04 (0.0-2.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP04 0 - 2 12/7/2010 SS-PRA34-TP04(0.0-2.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP04 2 - 4 12/7/2010 SS-PRA34-TP04 (2.0-4.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP04 2 - 4 12/7/2010 SS-PRA34-TP04(2.0-4.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP04 11 - 12 12/7/2010 SS-PRA34-TP04 (11.0-12.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP04 11 - 12 12/7/2010 SS-PRA34-TP04(11.0-12.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP05 0 - 2 12/7/2010 SS-PRA34-TP05 (0.0-2.0)-1 SB21992
CT-ETPH (mg/Kg)																		
CT-ETPH (C9-C36)	2500	500	2500	NE	**297**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																		
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																		
1,1-Dichloroethane	14000	500000	1000000	NE	<2.0 U	NS	<58 U	NS	<2.1 U	NS	**5.3**	NS	<2.2 U	NS	<2.2 U	NS	**9.8**	NS
1,1-Dichloroethylene	1400	1000	9500	NE	<2.0 U	NS	<58 U	NS	<2.1 U	NS	<2.5 U	NS	<2.2 U	NS	<2.2 U	NS	<2.9 U	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	<5.1 U	NS	<150 U	NS	<5.3 UJ	NS	<6.1 UJ	NS	<5.4 U	NS	<5.6 UJ	NS	<7.3 U	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	<5.1 U	NS	<150 U	NS	<5.3 UJ	NS	<6.1 UJ	NS	<5.4 U	NS	<5.6 UJ	NS	<7.3 U	NS
Acetone	140000	500000	1000000	NE	<5.1 U	NS	<150 UJ	NS	<5.3 U	NS	<6.1 U	NS	<5.4 U	NS	<5.6 U	NS	**75.1**	NS
Methylene chloride	1000	82000	760000	NE	<2.0 U	NS	<58 U	NS	**12**	NS	<2.5 U	NS	<2.2 U	NS	<2.2 U	NS	<2.9 U	NS
Naphthalene	56000	1000000	2500000	NE	<5.1 U	NS	<150 U	NS	**35.4 J-**	NS	<6.1 UJ	NS	<5.4 U	NS	<5.6 UJ	NS	<7.3 UJ	NS
n-Butylbenzene	2000	500000	1000000	NE	<5.1 U	NS	<150 U	NS	<5.3 UJ	NS	<6.1 UJ	NS	<5.4 U	NS	<5.6 UJ	NS	<7.3 U	NS
sec-Butylbenzene	2000	500000	1000000	NE	<5.1 U	NS	<150 U	NS	<5.3 UJ	NS	<6.1 UJ	NS	<5.4 U	NS	<5.6 UJ	NS	<7.3 U	NS
Tetrachloroethylene	1000	12000	110000	NE	<2.0 U	NS	**244**	NS	**14.5**	NS	<2.5 U	NS	<2.2 U	NS	<2.2 U	NS	<2.9 U	NS
Trichloroethene	1000	56000	520000	NE	**21.7**	NS	**1280**	NS	**97.7**	NS	**6.8**	NS	**3.2**	NS	**27**	NS	<2.9 U	NS
Trichlorofluoromethane	35000	500000	1000000	NE	<2.0 U	NS	<58 U	NS	<2.1 U	NS	<2.5 U	NS	<2.2 U	NS	<2.2 U	NS	<2.9 U	NS
Vinyl chloride	400	320	3000	NE	<2.0 U	NS	<58 U	NS	<2.1 U	NS	<2.5 U	NS	<2.2 U	NS	<2.2 U	NS	**3.5**	NS
PAHs (ug/Kg)																		
2-Methylnaphthalene	5500	271000	1000000	NE	NS	<362 U	NS	<332 U	NS	<187 U	NS	<886 U	NS	<926 U	NS	<201 U	NS	<173 U
Acenaphthene	30000	1000000	2500000	NE	<250 U	<362 U	<260 U	<332 U	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	<201 U	<260 U	<173 U
Acenaphthylene	84000	1000000	2500000	NE	<250 U	<362 U	<260 U	<332 U	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	<201 U	<260 U	<173 U
Anthracene	400000	1000000	2500000	NE	<250 U	<362 U	<260 U	**399**	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	<201 U	<260 U	<173 U
Benzo(a)anthracene	1000	1000	7800	NE	<250 U	**454**	<260 U	**1540**	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	**309**	<260 U	<173 U
Benzo(a)pyrene	1000	1000	1000	NE	<250 U	**492**	<260 U	**1490**	<280 U	<187 U	<270 U	**902**	<260 U	<926 U	<260 U	**319**	<260 U	<173 U
Benzo(b)fluoranthene	1000	1000	7800	NE	<250 U	**509**	<260 U	**1370**	<280 U	<187 UJ	<270 U	<886 U	<260 U	<926 U	<260 U	**286**	<260 U	<173 U
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	<250 U	<362 U	<260 U	**533**	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	<201 U	<260 U	<173 U
Benzo(k)fluoranthene	1000	8400	78000	NE	<250 U	**497**	<260 U	**1530**	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	**260**	<260 U	<173 U
Chrysene	9400	84000	780000	NE	<250 U	**489**	<260 U	**1360**	<280 U	<187 U	<270 U	**940**	<260 U	<926 U	<260 U	**277**	<260 U	<173 U
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<250 U	<362 U	<260 U	<332 U	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	<201 U	<260 U	<173 U
Fluoranthene	56000	1000000	2500000	NE	<250 U	**724**	<260 U	**2600**	<280 U	<187 U	<270 U	**888**	<260 U	**928**	<260 U	**552**	<260 U	**206**
Fluorene	56000	1000000	2500000	NE	<250 U	<362 UJ	<260 U	<332 UJ	<280 U	<187 U	<270 U	<886 UJ	<260 U	<926 UJ	<260 U	<201 UJ	<260 U	<173 U
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	<250 U	<362 U	<260 U	**594**	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	<201 U	<260 U	<173 U
Naphthalene	56000	1000000	2500000	NE	<250 U	<362 U	<260 U	<332 U	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	<201 U	<260 U	<173 U
Phenanthrene	40000	1000000	2500000	NE	<250 U	**448**	<260 U	**1100**	<280 U	<187 U	<270 U	<886 U	<260 U	<926 U	<260 U	**257**	<260 U	<173 U
Pyrene	40000	1000000	2500000	NE	<250 U	**728**	<260 U	**2330**	<280 U	<187 U	<270 U	**1230**	<260 U	<926 U	<260 U	**553**	<260 U	**249**
PAHs - SPLP (mg/l)																		
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA34-TP02 3 - 4 10/26/2010 SS-PRA34-TP02(3-4)-1 M95372	SS-RTA14-19 SS-PRA34-TP03 0 - 2 12/7/2010 SS-PRA34-TP03 (0.0-2.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP03 0 - 2 12/7/2010 SS-PRA34-TP03(0.0-2.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP03 2 - 4 12/7/2010 SS-PRA34-TP03 (2.0-4.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP03 2 - 4 12/7/2010 SS-PRA34-TP03(2.0-4.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP03 8 - 9 12/7/2010 SS-PRA34-TP03 (8.0-9.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP03 8 - 9 12/7/2010 SS-PRA34-TP03(8.0-9.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP04 0 - 2 12/7/2010 SS-PRA34-TP04 (0.0-2.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP04 0 - 2 12/7/2010 SS-PRA34-TP04(0.0-2.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP04 2 - 4 12/7/2010 SS-PRA34-TP04 (2.0-4.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP04 2 - 4 12/7/2010 SS-PRA34-TP04(2.0-4.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP04 11 - 12 12/7/2010 SS-PRA34-TP04 (11.0-12.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP04 11 - 12 12/7/2010 SS-PRA34-TP04(11.0-12.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP05 0 - 2 12/7/2010 SS-PRA34-TP05 (0.0-2.0)-1 SB21992
Metals (mg/Kg)																		
Lead	NE	400	1000	NE	**35.6**	NS	**54.2**	NS	**14**	NS	**14.1**	NS	**27.2**	NS	**42.1**	NS	**10.3**	NS
Metals-SPLP/TCLP (mg/l)																		
Chromium	0.5	NE	NE	NE	**0.021**	NS	**0.061**	NS	**0.059**	NS	**0.011**	NS	**0.021**	NS	**0.013**	NS	<0.010 U	NS
Lead	0.15	NE	NE	NE	**0.029**	NS	**0.042**	NS	**0.024**	NS	**0.025**	NS	**0.051**	NS	**0.031**	NS	**0.01**	NS
Vanadium	0.5	NE	NE	NE	**0.012**	NS	**0.057**	NS	<0.010	NS	**0.4**	NS	**0.8**	NS	**1.4**	NS	**0.14**	NS
PCBs (ug/Kg)																		
Aroclor 1254	NE	NE	NE	NE	**526**	<21.7 U	<100 U	<19.5 U	<110 U	<22.7 U	<110 U	<20.5 U	<100 U	<21.7 U	<100 U	<23.5 U	<100 U	<20.8 U
Aroclor 1260	NE	NE	NE	NE	**133**	**194**	<100 U	**149**	<110 U	<22.7 U	<110 U	<20.5 U	<100 U	<21.7 U	<100 U	<23.5 U	<100 U	<20.8 U
Aroclor 1262	NE	NE	NE	NE	<100 U	<21.7 U	<100 U	<19.5 U	<110 U	<22.7 U	<110 U	**42.9**	<100 U	**176**	<100 U	<23.5 U	<100 U	**89.8**
Aroclor 1268	NE	NE	NE	NE	<100 U	<21.7 U	<100 U	<19.5 U	<110 U	<22.7 U	<110 U	<20.5 U	<100 U	<21.7 U	<100 U	<23.5 U	<100 U	<20.8 U
Total PCBs	NE	1000	10000	50000	**659**	**194**	<100	**149**	<110	<22.7 U	<110	**42.9**	<100	**176**	<100	<23.5 U	<100	**89.8**
PCBs-SPLP (mg/L)																		
Aroclor 1248	NE	NE	NE	NE	<0.00025 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	<0.00025 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	<0.00025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA34-TP05 0 - 2 12/7/2010 SS-PRA34-TP05(0.0-2.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP05 2 - 4 12/7/2010 SS-PRA34-TP05 (2.0-4.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP05 2 - 4 12/7/2010 SS-PRA34-TP05(2.0-4.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP05 8.5 - 9.5 12/7/2010 SS-PRA34-TP05 (8.5-9.5)-1 SB21992	SS-RTA14-19 SS-PRA34-TP05 8.5 - 9.5 12/7/2010 SS-PRA34-TP05(8.5-9.5)-1 M96395	SS-RTA14-19 SS-PRA34-TP06 0 - 2 12/7/2010 SS-PRA34-TP06 (0.0-2.0)-1 SB22052	SS-RTA14-19 SS-PRA34-TP06 2 - 4 12/7/2010 SS-PRA34-TP06 (2.0-4.0)-1 SB22052	SS-RTA14-19 SS-PRA34-TP06 2 - 4 12/7/2010 SS-PRA34-TP06 (2.0-4.0)-2 SB22052	SS-RTA14-19 SS-PRA34-TP06 2 - 4 12/7/2010 SS-PRA34-TP06(2.0-4.0)-2 M96453	SS-RTA14-19 SS-PRA34-TP06 11 - 12 12/8/2010 SS-PRA34-TP06 (11.0-12.0)-1 SB22052	SS-RTA14-19 SS-RTA14-C08 0 - 0.5 4/29/2013 SS-RTA14-C08(0-0.5)-1 SB68699	SS-RTA14-19 SS-RTA14-C08 1.5 - 2 4/29/2013 SS-RTA14-C08(1.5-2)-1 SB68699	SS-RTA14-19 SS-RTA14-C08 3 - 4 4/29/2013 SS-RTA14-C08(3-4)-1 SB68699	SS-RTA14-19 SS-RTA14-C08 4 - 6 4/29/2013 SS-RTA14-C08(4-6)-1 SB68699
CT-ETPH (mg/Kg)																		
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																		
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																		
1,1-Dichloroethane	14000	500000	1000000	NE	<2.1 U	NS	<2.2 U	NS	<120 U	NS	NS	NS	<2.2 U	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	<2.1 U	NS	<2.2 U	NS	<120 U	NS	NS	NS	<2.2 U	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	<5.2 U	NS	<5.4 UJ	NS	<310 U	NS	NS	NS	<5.4 UJ	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	<5.2 U	NS	<5.4 UJ	NS	<310 U	NS	NS	NS	<5.4 UJ	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	<5.2 U	NS	<5.4 U	NS	<310 UJ	NS	NS	NS	<5.4 UJ	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	<2.1 U	NS	<2.2 U	NS	<120 U	NS	NS	NS	<2.2 U	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	<5.2 U	NS	<5.4 UJ	NS	<310 U	NS	NS	NS	<5.4 UJ	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	<5.2 U	NS	<5.4 UJ	NS	<310 U	NS	NS	NS	<5.4 UJ	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	<5.2 U	NS	<5.4 UJ	NS	<310 U	NS	NS	NS	<5.4 UJ	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	<2.1 U	NS	<2.2 U	NS	<120 U	NS	NS	NS	<2.2 U	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	<2.1 U	NS	<2.2 U	NS	<120 U	NS	NS	NS	**5.8**	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	<2.1 U	NS	<2.2 U	NS	<120 U	NS	NS	NS	<2.2 U	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	<2.1 U	NS	<2.2 U	NS	<120 U	NS	NS	NS	<2.2 U	NS	NS	NS	NS	NS
PAHs (ug/Kg)																		
2-Methylnaphthalene	5500	271000	1000000	NE	NS	<181 U	NS	<191 U	NS	<348 U	<185 U	<1830 U	NS	<4170 U	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	<260 U	<181 U	<270 U	<191 U	<260 U	<348 U	<185 U	<1830 U	<280 U	<4170 U	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	<260 U	<181 U	<270 U	<191 U	<260 U	<348 U	<185 U	<1830 U	**447**	<4170 U	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	**582**	<181 U	**1070**	<191 U	<260 U	<348 U	**208**	<1830 U	**814**	<4170 U	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	**2740**	**212**	**5060**	**205**	**771**	<348 U	**747**	**5070**	**2580**	<4170 U	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	**2150**	<181 U	**3100**	<191 U	**624**	<348 U	**677**	**3760**	**1880**	<4170 U	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	**2260**	<181 U	**3440**	<191 U	**592**	<348 U	**694**	**4210**	**1600**	<4170 U	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	**1530**	<181 U	**1980**	<191 U	**447**	<348 U	**205**	<1830 U	**1370**	<4170 U	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	**1970**	<181 U	**2830**	<191 U	**639**	<348 U	**623**	**3570**	**1660**	<4170 U	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	**3290**	**206**	**5350**	**198**	**901**	<348 U	**685**	**4240**	**2280**	<4170 U	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	<260 U	<181 U	**466**	<191 U	<260 U	<348 U	<185 U	<1830 U	**503**	<4170 U	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	**5310**	**485**	**9670**	**341**	**1480**	**689**	**1450**	**9210**	**5090**	<4170 U	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	<260 U	<181 U	**270**	<191 U	<260 U	<348 UJ	<185 UJ	<1830 UJ	<280 U	<4170 UJ	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	**1420**	<181 U	**2020**	<191 U	**424**	<348 U	**239**	<1830 U	**1380**	<4170 U	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	<260 U	<181 U	<270 U	<191 U	<260 U	<348 U	<185 U	<1830 U	<280 U	<4170 U	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	**2770**	**317**	**4990**	<191 U	**688**	**418**	**512**	**3630**	**2360**	<4170 U	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	**5320**	**426**	**10100**	**319**	**1530**	**589**	**1240**	**8040**	**4340**	<4170 U	NS	NS	NS	NS
PAHs - SPLP (mg/l)																		
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	<0.0074	NS	<0.0050	NS	NS	NS	NS	NS	<0.0050 UJ	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	ND	NS	ND	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-PRA34-TP05 0 - 2 12/7/2010 SS-PRA34-TP05(0.0-2.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP05 2 - 4 12/7/2010 SS-PRA34-TP05 (2.0-4.0)-1 SB21992	SS-RTA14-19 SS-PRA34-TP05 2 - 4 12/7/2010 SS-PRA34-TP05(2.0-4.0)-1 M96395	SS-RTA14-19 SS-PRA34-TP05 8.5 - 9.5 12/7/2010 SS-PRA34-TP05 (8.5-9.5)-1 SB21992	SS-RTA14-19 SS-PRA34-TP05 8.5 - 9.5 12/7/2010 SS-PRA34-TP05(8.5-9.5)-1 M96395	SS-RTA14-19 SS-PRA34-TP06 0 - 2 12/7/2010 SS-PRA34-TP06 (0.0-2.0)-1 SB22052	SS-RTA14-19 SS-PRA34-TP06 2 - 4 12/7/2010 SS-PRA34-TP06 (2.0-4.0)-1 SB22052	SS-RTA14-19 SS-PRA34-TP06 2 - 4 12/7/2010 SS-PRA34-TP06 (2.0-4.0)-2 SB22052	SS-RTA14-19 SS-PRA34-TP06 2 - 4 12/7/2010 SS-PRA34-TP06(2.0-4.0)-2 M96453	SS-RTA14-19 SS-PRA34-TP06 11 - 12 12/8/2010 SS-PRA34-TP06 (11.0-12.0)-1 SB22052	SS-RTA14-19 SS-RTA14-C08 0 - 0.5 4/29/2013 SS-RTA14-C08(0-0.5)-1 SB68699	SS-RTA14-19 SS-RTA14-C08 1.5 - 2 4/29/2013 SS-RTA14-C08(1.5-2)-1 SB68699	SS-RTA14-19 SS-RTA14-C08 3 - 4 4/29/2013 SS-RTA14-C08(3-4)-1 SB68699	SS-RTA14-19 SS-RTA14-C08 4 - 6 4/29/2013 SS-RTA14-C08(4-6)-1 SB68699
Metals (mg/Kg)																		
Lead	NE	400	1000	NE	**46.2**	NS	**75.3**	NS	**3**	NS	NS	NS	**21.1**	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																		
Chromium	0.5	NE	NE	NE	**0.02**	NS	**0.024**	NS	NS	NS	NS	NS	<0.010 U	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	**0.06**	NS	**0.037**	NS	NS	NS	NS	NS	**0.019**	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	**0.061**	NS	<0.010 U	NS	NS	NS	NS	NS	**0.011**	NS	NS	NS	NS	NS
PCBs (ug/Kg)																		
Aroclor 1254	NE	NE	NE	NE	<110 U	<21.1 U	<100 U	<22.0 U	<110 U	**21.9**	<22.1 UJ	<20.7 U	NS	**967**	**47.1**	**41.1**	<21.8	**22.8**
Aroclor 1260	NE	NE	NE	NE	**142**	<21.1 U	<100 U	<22.0 U	<110 U	**35.2**	**54.2 J**	**51.5**	NS	**206**	<21.4	<21.6	<21.8	<20.8
Aroclor 1262	NE	NE	NE	NE	<110 U	**393**	<100 U	**35**	<110 U	<20.4 U	<22.1 UJ	<20.7 U	NS	<25.5 U	**49.2**	<21.6	<21.8	<20.8
Aroclor 1268	NE	NE	NE	NE	<110 U	<21.1 U	<100 U	<22.0 U	<110 U	<20.4 U	**48.7 J**	**25.2**	NS	<25.5 U	<21.4	<21.6	<21.8	<20.8
Total PCBs	NE	1000	10000	50000	**142**	**393**	<100	**35**	<110	**57.1**	**102.9**	**76.7**	NS	**1173**	**96.3**	**41.1**	<21.8	**22.8**
PCBs-SPLP (mg/L)																		
Aroclor 1248	NE	NE	NE	NE	<0.00037	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	<0.00037	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	<0.00037	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

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U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

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VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-C08 6 - 8 4/29/2013 SS-RTA14-C08(6-8)-1 SB68699	SS-RTA14-19 SS-RTA14-D07 0 - 0.5 4/22/2013 SS-RTA14-D07(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-D07 1.5 - 2 4/22/2013 SS-RTA14-D07(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-D07 3 - 4 4/22/2013 SS-RTA14-D07(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-D07 4 - 6 4/22/2013 SS-RTA14-D07(4-6)-1 SB68285	SS-RTA14-19 SS-RTA14-E06 0 - 0.5 4/22/2013 SS-RTA14-E06(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-E06 1.5 - 2 4/22/2013 SS-RTA14-E06(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-E06 3 - 4 4/22/2013 SS-RTA14-E06(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-E07 0 - 0.5 3/20/2013 SS-RTA14-E07(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-E07 1.5 - 2 3/20/2013 SS-RTA14-E07(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-E07 3 - 4 3/20/2013 SS-RTA14-E07(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-F06 0 - 0.5 3/20/2013 SS-RTA14-F06(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-F06 1.5 - 2 3/20/2013 SS-RTA14-F06(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-F06 1.5 - 2 3/20/2013 SS-RTA14-F06(1.5-2)-2 SB66376	SS-RTA14-19 SS-RTA14-F06 3 - 4 3/20/2013 SS-RTA14-F06(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-F08 0 - 0.5 3/20/2013 SS-RTA14-F08(0-0.5)-1 SB66376
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-C08 6 - 8 4/29/2013 SS-RTA14-C08(6-8)-1 SB68699	SS-RTA14-19 SS-RTA14-D07 0 - 0.5 4/22/2013 SS-RTA14-D07(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-D07 1.5 - 2 4/22/2013 SS-RTA14-D07(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-D07 3 - 4 4/22/2013 SS-RTA14-D07(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-D07 4 - 6 4/22/2013 SS-RTA14-D07(4-6)-1 SB68285	SS-RTA14-19 SS-RTA14-E06 0 - 0.5 4/22/2013 SS-RTA14-E06(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-E06 1.5 - 2 4/22/2013 SS-RTA14-E06(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-E06 3 - 4 4/22/2013 SS-RTA14-E06(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-E07 0 - 0.5 3/20/2013 SS-RTA14-E07(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-E07 1.5 - 2 3/20/2013 SS-RTA14-E07(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-E07 3 - 4 3/20/2013 SS-RTA14-E07(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-F06 0 - 0.5 3/20/2013 SS-RTA14-F06(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-F06 1.5 - 2 3/20/2013 SS-RTA14-F06(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-F06 1.5 - 2 3/20/2013 SS-RTA14-F06(1.5-2)-2 SB66376	SS-RTA14-19 SS-RTA14-F06 3 - 4 3/20/2013 SS-RTA14-F06(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-F08 0 - 0.5 3/20/2013 SS-RTA14-F08(0-0.5)-1 SB66376
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**31.6**	**60.3**	<21.4	**430**	**505**	**499**	<20.6	**126**	**1020**	**34.6**	**172**	**345**	**116**	**182**	<21.0	**7010**
Aroclor 1260	NE	NE	NE	NE	<21.1	**34.4**	<21.4	<22.2	<22.6	**186**	<20.6	<20.6	**127**	<20.9	**72.9**	**104**	<21.8	**77.5**	<21.0	**523**
Aroclor 1262	NE	NE	NE	NE	<21.1	<21.5	<21.4	**366**	**280**	<22.6	<20.6	**78.4**	<23.3	**53.4**	<20.8	<23.4	**89.5**	<21.5	<21.0	<228
Aroclor 1268	NE	NE	NE	NE	<21.1	<21.5	<21.4	<22.2	<22.6	<22.6	<20.6	<20.6	<23.3	<20.9	<20.8	<23.4	<21.8	<21.5	<21.0	<228
Total PCBs	NE	1000	10000	50000	**31.6**	**94.7**	<21.4	**796**	**785**	**685**	<20.6	**204.4**	**1147**	**88**	**244.9**	**449**	**205.5**	**259.5**	<21.0	**7533**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-F08 1.5 - 2 3/20/2013 SS-RTA14-F08(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-F08 3 - 4 3/20/2013 SS-RTA14-F08(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-G02 1.5 - 2 3/18/2013 SS-RTA14-G02(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA14-G06 0 - 0.5 4/16/2013 SS-RTA14-G06(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA14-G06 1.5 - 2 4/16/2013 SS-RTA14-G06(1.5-2)-1 SB67859	SS-RTA14-19 SS-RTA14-G06 3 - 4 4/16/2013 SS-RTA14-G06(3-4)-1 SB67859	SS-RTA14-19 SS-RTA14-G07 0 - 0.5 3/20/2013 SS-RTA14-G07(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-G07 1.5 - 2 3/20/2013 SS-RTA14-G07(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-G07 3 - 4 3/20/2013 SS-RTA14-G07(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-G08 0 - 0.5 4/22/2013 SS-RTA14-G08(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 1.5 - 2 4/22/2013 SS-RTA14-G08(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 3 - 4 4/22/2013 SS-RTA14-G08(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 4 - 6 4/22/2013 SS-RTA14-G08(4-6)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 6 - 8 4/22/2013 SS-RTA14-G08(6-8)-1 SB68285	SS-RTA14-19 SS-RTA14-H06 0 - 0.5 4/16/2013 SS-RTA14-H06(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA14-H06 1.5 - 2 4/16/2013 SS-RTA14-H06(1.5-2)-1 SB67859
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-F08 1.5 - 2 3/20/2013 SS-RTA14-F08(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-F08 3 - 4 3/20/2013 SS-RTA14-F08(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-G02 1.5 - 2 3/18/2013 SS-RTA14-G02(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA14-G06 0 - 0.5 4/16/2013 SS-RTA14-G06(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA14-G06 1.5 - 2 4/16/2013 SS-RTA14-G06(1.5-2)-1 SB67859	SS-RTA14-19 SS-RTA14-G06 3 - 4 4/16/2013 SS-RTA14-G06(3-4)-1 SB67859	SS-RTA14-19 SS-RTA14-G07 0 - 0.5 3/20/2013 SS-RTA14-G07(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-G07 1.5 - 2 3/20/2013 SS-RTA14-G07(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-G07 3 - 4 3/20/2013 SS-RTA14-G07(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-G08 0 - 0.5 4/22/2013 SS-RTA14-G08(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 1.5 - 2 4/22/2013 SS-RTA14-G08(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 3 - 4 4/22/2013 SS-RTA14-G08(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 4 - 6 4/22/2013 SS-RTA14-G08(4-6)-1 SB68285	SS-RTA14-19 SS-RTA14-G08 6 - 8 4/22/2013 SS-RTA14-G08(6-8)-1 SB68285	SS-RTA14-19 SS-RTA14-H06 0 - 0.5 4/16/2013 SS-RTA14-H06(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA14-H06 1.5 - 2 4/16/2013 SS-RTA14-H06(1.5-2)-1 SB67859
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**182**	**669**	NS	**451**	**22.4**	<20.5	**77800**	**978**	**86.1**	**220**	<21.7	<20.7	**85.2**	**61.7**	**462**	**226**
Aroclor 1260	NE	NE	NE	NE	**108**	**96.2**	NS	**148**	<20.4	<20.5	**5940**	**163**	<21.0	**99.1**	<21.7	<20.7	<20.0	<19.6	**171**	**359**
Aroclor 1262	NE	NE	NE	NE	<21.2	<22.1	NS	<22.7	<20.4	<20.5	<1060	<21.2	<21.0	<20.9	<21.7	<20.7	<20.0	<19.6	<21.5	<21.1
Aroclor 1268	NE	NE	NE	NE	<21.2	<22.1	NS	<22.7	<20.4	<20.5	<1060	<21.2	<21.0	<20.9	<21.7	<20.7	**31.1**	<19.6	<21.5	<21.1
Total PCBs	NE	1000	10000	50000	**290**	**765.2**	NS	**599**	**22.4**	<20.5	**77740**	**1141**	**86.1**	**319.1**	<21.7	<20.7	**116.3**	**61.7**	**633**	**585**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000222	<0.000200
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000222	<0.000200
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000222	<0.000200

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-H06 3 - 3.5 4/16/2013	SS-RTA14-19 SS-RTA14-H07 0 - 0.5 4/16/2013	SS-RTA14-19 SS-RTA14-H07 1.5 - 2 4/16/2013	SS-RTA14-19 SS-RTA14-H07 3 - 4 4/22/2013	SS-RTA14-19 SS-RTA14-H09 0 - 0.5 3/20/2013	SS-RTA14-19 SS-RTA14-H09 1.5 - 2 3/20/2013	SS-RTA14-19 SS-RTA14-H09 3 - 4 3/20/2013	SS-RTA14-19 SS-RTA14-H10 0 - 0.5 3/20/2013	SS-RTA14-19 SS-RTA14-H10 1.5 - 2 3/20/2013	SS-RTA14-19 SS-RTA14-H10 3 - 4 3/20/2013	SS-RTA14-19 SS-RTA14-H10 4 - 6 3/20/2013	SS-RTA14-19 SS-RTA14-H11 0 - 0.5 3/20/2013	SS-RTA14-19 SS-RTA14-H11 1.5 - 2 3/20/2013	SS-RTA14-19 SS-RTA14-H11 3 - 4 3/20/2013	SS-RTA14-19 SS-RTA14-I04 0 - 0.5 4/22/2013	SS-RTA14-19 SS-RTA14-I04 1.5 - 2 4/22/2013
Sample ID					SS-RTA14-H06(3-3.5)-1	SS-RTA14-H07(0-0.5)-1	SS-RTA14-H07(1.5-2)-1	SS-RTA14-H07(3-4)-1	SS-RTA14-H09(0-0.5)-1	SS-RTA14-H09(1.5-2)-1	SS-RTA14-H09(3-4)-1	SS-RTA14-H10(0-0.5)-1	SS-RTA14-H10(1.5-2)-1	SS-RTA14-H10(3-4)-1	SS-RTA14-H10(4-6)-1	SS-RTA14-H11(0-0.5)-1	SS-RTA14-H11(1.5-2)-1	SS-RTA14-H11(3-4)-1	SS-RTA14-I04(0-0.5)-1	SS-RTA14-I04(1.5-2)-1
SDG					SB67859	SB67859	SB67859	SB68285	SB66376	SB66376	SB66376	SB66376	SB66376	SB66376	SB66376	SB66376	SB66376	SB66376	SB68285	SB68285
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Soil Analytical Data
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Former Equipment Storage Area Debris Pile
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Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	<20.9	**293**	**607**	<20.8	**114**	**859**	**24.5**	**438**	**232**	**338**	**415**	**162**	**255**	**122**	**179**	<20.6
Aroclor 1260	NE	NE	NE	NE	**20.9**	**108**	**141**	<20.8	<21.5	**323**	<20.4	**127**	**138**	**109**	**153**	**81**	**274**	<21.1	**141**	<20.6
Aroclor 1262	NE	NE	NE	NE	<20.9	<21.5	<20.7	<20.8	**257**	<21.3	<20.4	<22.3	<20.8	<40.5	<26.1	<21.9	<21.8	**710**	<20.9	<20.6
Aroclor 1268	NE	NE	NE	NE	<20.9	<21.5	<20.7	<20.8	<21.5	<21.3	<20.4	<22.3	<20.8	<40.5	<26.1	<21.9	<21.8	<21.1	<20.9	<20.6
Total PCBs	NE	1000	10000	50000	**20.9**	**401**	**748**	<20.8	**371**	**1182**	**24.5**	**565**	**370**	**447**	**568**	**243**	**529**	**832**	**320**	<20.6
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000211	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000211	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000211	NS	NS

Notes:

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Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-I04 3 - 4 4/22/2013 SS-RTA14-I04(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-I09 0 - 0.5 3/20/2013 SS-RTA14-I09(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-I09 1.5 - 2 3/20/2013 SS-RTA14-I09(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-I09 3 - 4 3/20/2013 SS-RTA14-I09(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-I11 0 - 0.5 3/18/2013 SS-RTA14-I11(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA14-I11 1.5 - 2 3/18/2013 SS-RTA14-I11(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA14-I11 3 - 4 3/18/2013 SS-RTA14-I11(3-4)-1 SB66322	SS-RTA14-19 SS-RTA14-J06 0 - 0.5 6/10/2013 SS-RTA19-J06(0-0.5)-1 SB71223	SS-RTA14-19 SS-RTA14-J06 1.5 - 2 6/10/2013 SS-RTA19-J06(1.5-2)-1 SB71223	SS-RTA14-19 SS-RTA14-J07 0 - 0.5 4/22/2013 SS-RTA14-J07(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-J07 1.5 - 2 4/22/2013 SS-RTA14-J07(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-J07 3 - 4 4/22/2013 SS-RTA14-J07(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-J09 0 - 0.5 4/22/2013 SS-RTA14-J09(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-J09 1.5 - 2 4/22/2013 SS-RTA14-J09(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-J09 3 - 4 4/22/2013 SS-RTA14-J09(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-J10 0 - 0.5 3/18/2013 SS-RTA14-J10(0-0.5)-1 SB66322
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-I04 3 - 4 4/22/2013 SS-RTA14-I04(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-I09 0 - 0.5 3/20/2013 SS-RTA14-I09(0-0.5)-1 SB66376	SS-RTA14-19 SS-RTA14-I09 1.5 - 2 3/20/2013 SS-RTA14-I09(1.5-2)-1 SB66376	SS-RTA14-19 SS-RTA14-I09 3 - 4 3/20/2013 SS-RTA14-I09(3-4)-1 SB66376	SS-RTA14-19 SS-RTA14-I11 0 - 0.5 3/18/2013 SS-RTA14-I11(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA14-I11 1.5 - 2 3/18/2013 SS-RTA14-I11(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA14-I11 3 - 4 3/18/2013 SS-RTA14-I11(3-4)-1 SB66322	SS-RTA14-19 SS-RTA14-J06 0 - 0.5 6/10/2013 SS-RTA19-J06(0-0.5)-1 SB71223	SS-RTA14-19 SS-RTA14-J06 1.5 - 2 6/10/2013 SS-RTA19-J06(1.5-2)-1 SB71223	SS-RTA14-19 SS-RTA14-J07 0 - 0.5 4/22/2013 SS-RTA14-J07(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-J07 1.5 - 2 4/22/2013 SS-RTA14-J07(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-J07 3 - 4 4/22/2013 SS-RTA14-J07(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-J09 0 - 0.5 4/22/2013 SS-RTA14-J09(0-0.5)-1 SB68285	SS-RTA14-19 SS-RTA14-J09 1.5 - 2 4/22/2013 SS-RTA14-J09(1.5-2)-1 SB68285	SS-RTA14-19 SS-RTA14-J09 3 - 4 4/22/2013 SS-RTA14-J09(3-4)-1 SB68285	SS-RTA14-19 SS-RTA14-J10 0 - 0.5 3/18/2013 SS-RTA14-J10(0-0.5)-1 SB66322
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	<20.4	**893**	**792**	**41.9**	**252**	**54.5**	**229**	**171**	<21.0	**1560**	**599**	**55**	**59.2**	**501**	**297**	**415**
Aroclor 1260	NE	NE	NE	NE	<20.4	**149**	**301**	<22.0	**157**	**79.6**	**193**	**235**	<21.0	**366**	**205**	**28.1**	**74.3**	**109**	**65.4**	**191**
Aroclor 1262	NE	NE	NE	NE	<20.4	<21.7	<21.5	<22.0	<21.9	<21.8	<21.8	<21.9	<21.0	<22.6	<19.8	<21.6	<21.5	<21.1	<20.4	<22.1
Aroclor 1268	NE	NE	NE	NE	<20.4	<21.7	<21.5	<22.0	<21.9	<21.8	<21.8	<21.9	<21.0	<22.6	<19.8	<21.6	<21.5	<21.1	<20.4	<22.1
Total PCBs	NE	1000	10000	50000	<20.4	**1042**	**1093**	**41.9**	**409**	**134.1**	**422**	**406**	<21.0	**1926**	**804**	**83.1**	**133.5**	**610**	**362.4**	**606**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	<0.000211	NS	<0.000235	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	<0.000211	NS	<0.000235	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	<0.000211	NS	<0.000235	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-J10 0 - 0.5 3/18/2013 SS-RTA14-J10(0-0.5)-2 SB66322	SS-RTA14-19 SS-RTA14-J10 1.5 - 2 3/18/2013 SS-RTA14-J10(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA14-J10 3 - 4 3/18/2013 SS-RTA14-J10(3-4)-1 SB66322	SS-RTA14-19 SS-RTA14-J11 0 - 0.5 4/24/2013 SS-RTA14-J11(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA14-J11 1.5 - 2 4/24/2013 SS-RTA14-J11(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA14-J11 3 - 4 4/24/2013 SS-RTA14-J11(3-4)-1 SB68500	SS-RTA14-19 SS-RTA14-K10 0 - 0.5 4/24/2013 SS-RTA14-K10(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA14-K10 1.5 - 2 4/24/2013 SS-RTA14-K10(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA14-K10 3 - 4 4/24/2013 SS-RTA14-K10(3-4)-1 SB68500	SS-RTA14-19 SS-RTA14-L06 0 - 0.5 4/29/2013 SS-RTA14-L06(0-0.5)-1 SB68699	SS-RTA14-19 SS-RTA14-L06 1.5 - 2 4/29/2013 SS-RTA14-L06(1.5-2)-1 SB68699	SS-RTA14-19 SS-RTA14-L06 3 - 4 4/29/2013 SS-RTA14-L06(3-4)-1 SB68699	SS-RTA14-19 SS-RTA14-L08 0 - 0.5 4/26/2013 SS-RTA14-L08(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA14-L08 0 - 0.5 4/26/2013 SS-RTA14-L08(0-0.5)-2 SB68640	SS-RTA14-19 SS-RTA14-L08 1.5 - 2 4/26/2013 SS-RTA14-L08(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA14-L08 3 - 4 4/26/2013 SS-RTA14-L08(3-4)-1 SB68640
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-J10 0 - 0.5 3/18/2013 SS-RTA14-J10(0-0.5)-2 SB66322	SS-RTA14-19 SS-RTA14-J10 1.5 - 2 3/18/2013 SS-RTA14-J10(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA14-J10 3 - 4 3/18/2013 SS-RTA14-J10(3-4)-1 SB66322	SS-RTA14-19 SS-RTA14-J11 0 - 0.5 4/24/2013 SS-RTA14-J11(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA14-J11 1.5 - 2 4/24/2013 SS-RTA14-J11(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA14-J11 3 - 4 4/24/2013 SS-RTA14-J11(3-4)-1 SB68500	SS-RTA14-19 SS-RTA14-K10 0 - 0.5 4/24/2013 SS-RTA14-K10(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA14-K10 1.5 - 2 4/24/2013 SS-RTA14-K10(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA14-K10 3 - 4 4/24/2013 SS-RTA14-K10(3-4)-1 SB68500	SS-RTA14-19 SS-RTA14-L06 0 - 0.5 4/29/2013 SS-RTA14-L06(0-0.5)-1 SB68699	SS-RTA14-19 SS-RTA14-L06 1.5 - 2 4/29/2013 SS-RTA14-L06(1.5-2)-1 SB68699	SS-RTA14-19 SS-RTA14-L06 3 - 4 4/29/2013 SS-RTA14-L06(3-4)-1 SB68699	SS-RTA14-19 SS-RTA14-L08 0 - 0.5 4/26/2013 SS-RTA14-L08(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA14-L08 0 - 0.5 4/26/2013 SS-RTA14-L08(0-0.5)-2 SB68640	SS-RTA14-19 SS-RTA14-L08 1.5 - 2 4/26/2013 SS-RTA14-L08(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA14-L08 3 - 4 4/26/2013 SS-RTA14-L08(3-4)-1 SB68640
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**394**	**1390**	**30.6**	**182**	**619**	<21.1	**526**	**657**	<20.3	**171**	<21.8	<22.1	**87.8**	**62.4**	**84.1**	<20.4
Aroclor 1260	NE	NE	NE	NE	**164**	**550**	<22.6	<21.1	**608**	<21.1	**550**	**374**	<20.3	**77.4**	<21.8	<22.1	<42.3	<20.1	<20.3	<20.4
Aroclor 1262	NE	NE	NE	NE	<21.7	<21.4	<22.6	**152**	<21.1	<21.1	<21.0	<21.4	<20.3	<21.8	<21.8	<22.1	<42.3	**31.2**	<20.3	<20.4
Aroclor 1268	NE	NE	NE	NE	<21.7	<21.4	<22.6	<21.1	<21.1	<21.1	<21.0	<21.4	<20.3	<21.8	<21.8	<22.1	<42.3	<20.1	<20.3	<20.4
Total PCBs	NE	1000	10000	50000	**558**	**1940**	**30.6**	**334**	**1227**	<21.1	**1076**	**1031**	<20.3	**248.4**	<21.8	<22.1	**87.8**	**93.6**	**84.1**	<20.4
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-L12 0 - 0.5 4/24/2013 SS-RTA14-L12(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA14-L12 1.5 - 2 4/24/2013 SS-RTA14-L12(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA14-L12 3 - 4 4/24/2013 SS-RTA14-L12(3-4)-1 SB68500	SS-RTA14-19 SS-RTA14-L12 4 - 6 4/24/2013 SS-RTA14-L12(4-6)-1 SB68500	SS-RTA14-19 SS-RTA14-M06 0 - 0.5 5/14/2013 SS-RTA19-M06(0-0.5)-1 SB69537	SS-RTA14-19 SS-RTA14-M06 0 - 0.5 5/14/2013 SS-RTA19-M06(0-0.5)-2 SB69537	SS-RTA14-19 SS-RTA14-M06 1 - 1.5 5/14/2013 SS-RTA19-M06(1-1.5)-1 SB69537	SS-RTA14-19 SS-RTA14-M06 2 - 3 5/14/2013 SS-RTA19-M06(2-3)-1 SB69537	SS-RTA14-19 SS-RTA14-M07 0 - 0.5 4/29/2013 SS-RTA14-M07(0-0.5)-1 SB68699	SS-RTA14-19 SS-RTA14-M07 1.5 - 2 4/29/2013 SS-RTA14-M07(1.5-2)-1 SB68699	SS-RTA14-19 SS-RTA14-M07 3 - 4 4/29/2013 SS-RTA14-M07(3-4)-1 SB68699	SS-RTA14-19 SS-RTA14-M08 0 - 0.5 5/14/2013 SS-RTA19-M08(0-0.5)-1 SB69537	SS-RTA14-19 SS-RTA14-M08 1 - 1.5 5/14/2013 SS-RTA19-M08(1-1.5)-1 SB69537	SS-RTA14-19 SS-RTA14-M08 2 - 3 5/14/2013 SS-RTA19-M08(2-3)-1 SB69537	SS-RTA14-19 SS-RTA14-M10 0 - 0.5 6/10/2013 SS-RTA14-M10(0-0.5)-1 SB71223	SS-RTA14-19 SS-RTA14-M10 1.5 - 2 6/10/2013 SS-RTA14-M10(1.5-2)-1 SB71223
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
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Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**234**	<20.1	<20.7	<20.8	**589**	**687**	**61.1**	**44.2**	**53700**	**1030**	**259**	<20.5	<20.8	<20.5	<21.0	<20.6
Aroclor 1260	NE	NE	NE	NE	**212**	<20.1	<20.7	<20.8	**193**	**219**	**45.1**	**24.3**	<1070	**110**	<19.6	**60.6**	**28.1**	<20.5	<21.0	<20.6
Aroclor 1262	NE	NE	NE	NE	<21.4	<20.1	<20.7	<20.8	<22.4	<22.7	<20.0	<22.1	<1070	<21.2	<19.6	<20.5	<20.8	<20.5	<21.0	<20.6
Aroclor 1268	NE	NE	NE	NE	<21.4	<20.1	<20.7	<20.8	<22.4	<22.7	<20.0	<22.1	<1070	<21.2	<19.6	<20.5	<20.8	<20.5	<21.0	<20.6
Total PCBs	NE	1000	10000	50000	**446**	<20.1	<20.7	<20.8	**782**	**906**	**106.2**	**68.5**	**53700**	**1140**	**259**	**60.6**	**28.1**	<20.5	<21.0	<20.6
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	<0.000200	<0.000222	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	<0.000200	<0.000222	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	<0.000200	<0.000222	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-M10 3 - 4 6/10/2013 SS-RTA14-M10(3-4)-1 SB71223	SS-RTA14-19 SS-RTA14-N06 0 - 0.5 5/14/2013 SS-RTA19-N06(0-0.5)-1 SB69537	SS-RTA14-19 SS-RTA14-N06 0 - 0.5 5/14/2013 SS-RTA19-N06(0-0.5)-2 SB69537	SS-RTA14-19 SS-RTA14-N07 0 - 0.5 5/14/2013 SS-RTA19-N07(0-0.5)-1 SB69537	SS-RTA14-19 SS-RTA14-N07 1 - 1.5 5/14/2013 SS-RTA19-N07(1-1.5)-1 SB69537	SS-RTA14-19 SS-RTA14-N07 2 - 3 5/14/2013 SS-RTA19-N07(2-3)-1 SB69537	SS-RTA14-19 SS-RTA14-N12 0 - 0.5 4/24/2013 SS-RTA14-N12(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA14-N12 1.5 - 2 4/24/2013 SS-RTA14-N12(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA14-N12 3 - 4 4/24/2013 SS-RTA14-N12(3-4)-1 SB68500	SS-RTA14-19 SS-RTA14-N12 4 - 6 4/24/2013 SS-RTA14-N12(4-6)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 0 - 0.5 4/24/2013 SS-RTA15-D10(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 1.5 - 2 4/24/2013 SS-RTA15-D10(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 3 - 4 4/24/2013 SS-RTA15-D10(3-4)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 3 - 4 4/24/2013 SS-RTA15-D10(3-4)-2 SB68500	SS-RTA14-19 SS-RTA15-D10 4 - 6 4/24/2013 SS-RTA15-D10(4-6)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 6 - 8 4/24/2013 SS-RTA15-D10(6-8)-1 SB68500
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA14-M10 3 - 4 6/10/2013 SS-RTA14-M10(3-4)-1 SB71223	SS-RTA14-19 SS-RTA14-N06 0 - 0.5 5/14/2013 SS-RTA19-N06(0-0.5)-1 SB69537	SS-RTA14-19 SS-RTA14-N06 0 - 0.5 5/14/2013 SS-RTA19-N06(0-0.5)-2 SB69537	SS-RTA14-19 SS-RTA14-N07 0 - 0.5 5/14/2013 SS-RTA19-N07(0-0.5)-1 SB69537	SS-RTA14-19 SS-RTA14-N07 1 - 1.5 5/14/2013 SS-RTA19-N07(1-1.5)-1 SB69537	SS-RTA14-19 SS-RTA14-N07 2 - 3 5/14/2013 SS-RTA19-N07(2-3)-1 SB69537	SS-RTA14-19 SS-RTA14-N12 0 - 0.5 4/24/2013 SS-RTA14-N12(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA14-N12 1.5 - 2 4/24/2013 SS-RTA14-N12(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA14-N12 3 - 4 4/24/2013 SS-RTA14-N12(3-4)-1 SB68500	SS-RTA14-19 SS-RTA14-N12 4 - 6 4/24/2013 SS-RTA14-N12(4-6)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 0 - 0.5 4/24/2013 SS-RTA15-D10(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 1.5 - 2 4/24/2013 SS-RTA15-D10(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 3 - 4 4/24/2013 SS-RTA15-D10(3-4)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 3 - 4 4/24/2013 SS-RTA15-D10(3-4)-2 SB68500	SS-RTA14-19 SS-RTA15-D10 4 - 6 4/24/2013 SS-RTA15-D10(4-6)-1 SB68500	SS-RTA14-19 SS-RTA15-D10 6 - 8 4/24/2013 SS-RTA15-D10(6-8)-1 SB68500
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	<20.3	**51**	**36.3**	**49.2**	**125**	**42.2**	**39.5**	<20.9	<19.6	**36**	**212**	<21.2	**899**	**197**	**193**	**430**
Aroclor 1260	NE	NE	NE	NE	<20.3	**85.7**	**77.9**	**88.3**	**94.1**	**33.1**	**25.2**	<20.9	<19.6	**18.9**	**77.4**	<21.2	**281**	**81.8**	**153**	**181**
Aroclor 1262	NE	NE	NE	NE	<20.3	<20.4	<21.3	<20.1	<20.0	<20.1	<21.9	<20.9	<19.6	<18.9	<20.9	**24.3**	<21.9	<21.8	<22.1	<22.2
Aroclor 1268	NE	NE	NE	NE	<20.3	<20.4	<21.3	<20.1	<20.0	<20.1	<21.9	<20.9	<19.6	<18.9	<20.9	<21.2	<21.9	<21.8	<22.1	<22.2
Total PCBs	NE	1000	10000	50000	<20.3	**136.7**	**114.2**	**137.5**	**219.1**	**75.3**	**64.7**	<20.9	<19.6	**54.9**	**289.4**	**24.3**	**1180**	**278.8**	**346**	**611**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-D12 0 - 0.5 4/24/2013 SS-RTA19-D12(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA15-D12 1.5 - 2 4/24/2013 SS-RTA19-D12(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA15-D12 3 - 4 4/24/2013 SS-RTA19-D12(3-4)-1 SB68500	SS-RTA14-19 SS-RTA15-D12 4 - 6 4/24/2013 SS-RTA19-D12(4-6)-1 SB68500	SS-RTA14-19 SS-RTA15-E09 0 - 0.5 3/22/2013 SS-RTA15-E09(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 1.5 - 2 3/22/2013 SS-RTA15-E09(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 3 - 4 3/22/2013 SS-RTA15-E09(3-4)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 4 - 6 3/22/2013 SS-RTA15-E09(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 6 - 8 3/22/2013 SS-RTA15-E09(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 8 - 10 3/22/2013 SS-RTA15-E09(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-E10 0 - 0.5 3/22/2013 SS-RTA15-E10(0-0.5)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 1.5 - 2 3/22/2013 SS-RTA15-E10(1.5-2)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 3 - 4 3/22/2013 SS-RTA15-E10(3-4)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 4 - 6 3/22/2013 SS-RTA15-E10(4-6)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 6 - 8 3/22/2013 SS-RTA15-E10(6-8)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 8 - 10 4/22/2013 SS-RTA15-E10(8-10)-1 SB68285
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	**1030**	**1540**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	<918	**1660**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	<918	**1430**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	<918	**1620**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	**1020**	**1700**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	**1460**	**2830**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	<918	**889**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	<918	<880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	<918	**995**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	**1310**	**2850**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	<0.00105	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	<0.00105	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	**0.000421**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	**0.00221**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	**0.00146**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	**0.00154**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	**0.0012**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	**0.000936**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	**0.00152**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	**0.000187**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	**0.00595**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	**0.00181**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	**0.00106**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	<0.00105	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	**0.0162**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	**0.00448**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-D12 0 - 0.5 4/24/2013 SS-RTA19-D12(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA15-D12 1.5 - 2 4/24/2013 SS-RTA19-D12(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA15-D12 3 - 4 4/24/2013 SS-RTA19-D12(3-4)-1 SB68500	SS-RTA14-19 SS-RTA15-D12 4 - 6 4/24/2013 SS-RTA19-D12(4-6)-1 SB68500	SS-RTA14-19 SS-RTA15-E09 0 - 0.5 3/22/2013 SS-RTA15-E09(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 1.5 - 2 3/22/2013 SS-RTA15-E09(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 3 - 4 3/22/2013 SS-RTA15-E09(3-4)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 4 - 6 3/22/2013 SS-RTA15-E09(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 6 - 8 3/22/2013 SS-RTA15-E09(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-E09 8 - 10 3/22/2013 SS-RTA15-E09(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-E10 0 - 0.5 3/22/2013 SS-RTA15-E10(0-0.5)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 1.5 - 2 3/22/2013 SS-RTA15-E10(1.5-2)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 3 - 4 3/22/2013 SS-RTA15-E10(3-4)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 4 - 6 3/22/2013 SS-RTA15-E10(4-6)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 6 - 8 3/22/2013 SS-RTA15-E10(6-8)-1 SB66507	SS-RTA14-19 SS-RTA15-E10 8 - 10 4/22/2013 SS-RTA15-E10(8-10)-1 SB68285
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	<20.8	<20.5	<21.7	**119**	**2210**	**32.7**	**305**	**731**	**2960**	**2740**	**1060**	**161**	**390**	**1160**	**2800**	**766**
Aroclor 1260	NE	NE	NE	NE	<20.8	<20.5	<21.7	<20.4	**303**	<21.1	**86.2**	**149**	**344**	**942**	**356**	**61.4**	**229**	**167**	**208**	**225**
Aroclor 1262	NE	NE	NE	NE	<20.8	**174**	<21.7	**58.1**	<22.8	**63.3**	<21.8	<22.2	<22.0	<26.2	<22.4	<20.5	<22.8	<22.5	<22.4	<21.9
Aroclor 1268	NE	NE	NE	NE	<20.8	<20.5	<21.7	<20.4	<22.8	<21.1	<21.8	<22.2	<22.0	<26.2	<22.4	<20.5	<22.8	<22.5	<22.4	<21.9
Total PCBs	NE	1000	10000	50000	<20.8	**174**	<21.7	**177.1**	**2513**	**96**	**391.2**	**880**	**3304**	**3682**	**1416**	**222.4**	**619**	**1327**	**3008**	**991**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-E10 10 - 12 4/22/2013 SS-RTA15-E10(10-12)-1 SB68285	SS-RTA14-19 SS-RTA15-E11 0 - 0.5 3/22/2013 SS-RTA15-E11(0-0.5)-1 SB66507	SS-RTA14-19 SS-RTA15-E11 1.5 - 2 3/22/2013 SS-RTA15-E11(1.5-2)-1 SB66507	SS-RTA14-19 SS-RTA15-E11 3 - 4 3/22/2013 SS-RTA15-E11(3-4)-1 SB66507	SS-RTA14-19 SS-RTA15-EF09.5 8 - 10 6/6/2013 SS-RTA15-EF09.5(8-10)-1 SB71178	SS-RTA14-19 SS-RTA15-EF09.5 10 - 12 6/6/2013 SS-RTA15-EF09.5(10-12)-1 SB71178	SS-RTA14-19 SS-RTA15-F09 0 - 0.5 3/22/2013 SS-RTA15-F09(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 1.5 - 2 3/22/2013 SS-RTA15-F09(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 3 - 4 3/22/2013 SS-RTA15-F09(3-4)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 4 - 6 3/22/2013 SS-RTA15-F09(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 6 - 8 3/22/2013 SS-RTA15-F09(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 8 - 10 3/22/2013 SS-RTA15-F09(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-F11 0 - 0.5 3/22/2013 SS-RTA15-F11(0-0.5)-1 SB66507	SS-RTA14-19 SS-RTA15-F11 1.5 - 2 3/22/2013 SS-RTA15-F11(1.5-2)-1 SB66507	SS-RTA14-19 SS-RTA15-F11 3 - 4 3/22/2013 SS-RTA15-F11(3-4)-1 SB66507	SS-RTA14-19 SS-RTA15-F11 4 - 6 3/22/2013 SS-RTA15-F11(4-6)-1 SB66507
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-E10 10 - 12 4/22/2013 SS-RTA15-E10(10-12)-1 SB68285	SS-RTA14-19 SS-RTA15-E11 0 - 0.5 3/22/2013 SS-RTA15-E11(0-0.5)-1 SB66507	SS-RTA14-19 SS-RTA15-E11 1.5 - 2 3/22/2013 SS-RTA15-E11(1.5-2)-1 SB66507	SS-RTA14-19 SS-RTA15-E11 3 - 4 3/22/2013 SS-RTA15-E11(3-4)-1 SB66507	SS-RTA14-19 SS-RTA15-EF09.5 8 - 10 6/6/2013 SS-RTA15-EF09.5(8-10)-1 SB71178	SS-RTA14-19 SS-RTA15-EF09.5 10 - 12 6/6/2013 SS-RTA15-EF09.5(10-12)-1 SB71178	SS-RTA14-19 SS-RTA15-F09 0 - 0.5 3/22/2013 SS-RTA15-F09(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 1.5 - 2 3/22/2013 SS-RTA15-F09(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 3 - 4 3/22/2013 SS-RTA15-F09(3-4)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 4 - 6 3/22/2013 SS-RTA15-F09(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 6 - 8 3/22/2013 SS-RTA15-F09(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-F09 8 - 10 3/22/2013 SS-RTA15-F09(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-F11 0 - 0.5 3/22/2013 SS-RTA15-F11(0-0.5)-1 SB66507	SS-RTA14-19 SS-RTA15-F11 1.5 - 2 3/22/2013 SS-RTA15-F11(1.5-2)-1 SB66507	SS-RTA14-19 SS-RTA15-F11 3 - 4 3/22/2013 SS-RTA15-F11(3-4)-1 SB66507	SS-RTA14-19 SS-RTA15-F11 4 - 6 3/22/2013 SS-RTA15-F11(4-6)-1 SB66507
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**1010**	**238**	**115**	**142**	**1920**	**3080**	**171**	**47**	**1020**	**4030**	**1120**	**2260**	**1360**	**222**	**236**	**3300**
Aroclor 1260	NE	NE	NE	NE	**144**	**107**	**78.4**	**63.4**	**361**	**509**	**45.6**	<20.9	**304**	**486**	**299**	**339**	**209**	<21.6	<21.6	**414**
Aroclor 1262	NE	NE	NE	NE	<24.5	<22.0	<21.5	<22.3	<22.9	<23.3	<20.7	<20.9	<22.0	<22.0	<21.6	<22.0	<22.4	**225**	**201**	<21.8
Aroclor 1268	NE	NE	NE	NE	<24.5	<22.0	<21.5	<22.3	<22.9	<23.3	<20.7	<20.9	<22.0	<22.0	<21.6	<22.0	<22.4	<21.6	<21.6	<21.8
Total PCBs	NE	1000	10000	50000	**1154**	**345**	**193.4**	**205.4**	**2281**	**3589**	**216.6**	**47**	**1324**	**4516**	**1419**	**2599**	**1569**	**447**	**437**	**3714**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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<0.010 = Analyte not detected above given laboratory reporting limit.

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VOCs - Colatile Organic Compounds

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SPLP = Synthetic precipitation leaching procedure

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mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

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NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-F11 6 - 8 3/22/2013 SS-RTA15-F11(6-8)-1 SB66507	SS-RTA14-19 SS-RTA15-F12 0 - 0.5 3/25/2013 SS-RTA15-F12(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 1.5 - 2 3/25/2013 SS-RTA15-F12(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 1.5 - 2 3/25/2013 SS-RTA15-F12(1.5-2)-2 SB66673	SS-RTA14-19 SS-RTA15-F12 3 - 4 3/25/2013 SS-RTA15-F12(3-4)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 4 - 6 3/25/2013 SS-RTA15-F12(4-6)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 6 - 8 3/25/2013 SS-RTA15-F12(6-8)-1 SB66673	SS-RTA14-19 SS-RTA15-G09 0 - 0.5 3/22/2013 SS-RTA15-G09(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 1.5 - 2 3/22/2013 SS-RTA15-G09(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 3 - 4 3/22/2013 SS-RTA15-G09(3-4)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 4 - 6 3/22/2013 SS-RTA15-G09(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 6 - 8 3/22/2013 SS-RTA15-G09(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 8 - 10 3/22/2013 SS-RTA15-G09(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 0 - 0.5 3/22/2013 SS-RTA15-G10(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 1.5 - 2 3/22/2013 SS-RTA15-G10(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 3 - 4 3/22/2013 SS-RTA15-G10(3-4)-1 SB66562
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	**127**	**109**	**78.8**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	<178	<180	<924	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	<178	<180	<924	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	<178	<180	<924	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	<178	<180	<924	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	**342**	**254**	**2870**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	**297**	**250**	**2060**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	**340**	**277**	**2350**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	**244**	<180	**1060**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	**216**	<180	**1580**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	**314**	**247**	**2600**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	<178	<180	<924	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	**642**	**449**	**6840**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	<178	<180	<924	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	**232**	**184**	**1260**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	<178	<180	<924	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	**244**	**192**	**3570**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	**524**	**397**	**5160**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-F11 6 - 8 3/22/2013 SS-RTA15-F11(6-8)-1 SB66507	SS-RTA14-19 SS-RTA15-F12 0 - 0.5 3/25/2013 SS-RTA15-F12(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 1.5 - 2 3/25/2013 SS-RTA15-F12(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 1.5 - 2 3/25/2013 SS-RTA15-F12(1.5-2)-2 SB66673	SS-RTA14-19 SS-RTA15-F12 3 - 4 3/25/2013 SS-RTA15-F12(3-4)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 4 - 6 3/25/2013 SS-RTA15-F12(4-6)-1 SB66673	SS-RTA14-19 SS-RTA15-F12 6 - 8 3/25/2013 SS-RTA15-F12(6-8)-1 SB66673	SS-RTA14-19 SS-RTA15-G09 0 - 0.5 3/22/2013 SS-RTA15-G09(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 1.5 - 2 3/22/2013 SS-RTA15-G09(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 3 - 4 3/22/2013 SS-RTA15-G09(3-4)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 4 - 6 3/22/2013 SS-RTA15-G09(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 6 - 8 3/22/2013 SS-RTA15-G09(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-G09 8 - 10 3/22/2013 SS-RTA15-G09(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 0 - 0.5 3/22/2013 SS-RTA15-G10(0-0.5)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 1.5 - 2 3/22/2013 SS-RTA15-G10(1.5-2)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 3 - 4 3/22/2013 SS-RTA15-G10(3-4)-1 SB66562
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**2670**	**248**	**88.7**	**139**	**175**	**3860**	**2500**	**678**	**691**	**849**	**1150**	**1430**	<21.2	**908**	**124**	**730**
Aroclor 1260	NE	NE	NE	NE	**330**	**165**	<21.1	<21.1	**51.2**	**610**	**260**	**174**	**308**	**338**	**420**	**321**	<21.2	**245**	<21.9	**432**
Aroclor 1262	NE	NE	NE	NE	<22.3	<22.1	**89.7**	**80**	<20.9	<21.8	<21.6	<22.2	<21.7	<22.5	<22.9	<22.9	<21.2	<22.3	**204**	<22.9
Aroclor 1268	NE	NE	NE	NE	<22.3	<22.1	<21.1	<21.1	<20.9	<21.8	<21.6	<22.2	<21.7	<22.5	<22.9	<22.9	<21.2	<22.3	<21.9	<22.9
Total PCBs	NE	1000	10000	50000	**3000**	**413**	**178.4**	**219**	**226.2**	**4470**	**2760**	**852**	**999**	**1187**	**1570**	**1751**	<21.2	**1153**	**328**	**1162**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-G10 4 - 6 3/22/2013 SS-RTA15-G10(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 6 - 8 3/22/2013 SS-RTA15-G10(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 8 - 10 3/22/2013 SS-RTA15-G10(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-G13 0 - 0.5 4/26/2013 SS-RTA19-G13(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA15-G13 1.5 - 2 4/26/2013 SS-RTA19-G13(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA15-G13 3 - 4 4/26/2013 SS-RTA19-G13(3-4)-1 SB68640	SS-RTA14-19 SS-RTA15-G13 4 - 6 4/26/2013 SS-RTA19-G13(4-6)-1 SB68640	SS-RTA14-19 SS-RTA16-SB01 3 - 4 3/22/2013 SS-RTA16-SB01(3-4)-1 SB66507	SS-RTA14-19 SS-RTA19-C16 0 - 0.5 4/29/2013 SS-RTA19-C16(0-0.5)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 1.5 - 2 4/29/2013 SS-RTA19-C16(1.5-2)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 3 - 4 4/29/2013 SS-RTA19-C16(3-4)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 4 - 6 4/29/2013 SS-RTA19-C16(4-6)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 6 - 8 4/29/2013 SS-RTA19-C16(6-8)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 8 - 10 4/29/2013 SS-RTA19-C16(8-10)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 10 - 12 4/29/2013 SS-RTA19-C16(10-12)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 12 - 14 4/29/2013 SS-RTA19-C16(12-14)-1 SB68699
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	<370	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	<370	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	<370	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	**664**	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	**2640**	**1360**	**1560**	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	**2230**	**947**	**1290**	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	**2400**	**1100**	**1210**	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	**1000**	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	**2050**	**903**	**986**	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	**2730**	**1360**	**1410**	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	<370	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	**6940**	**3440**	**3880**	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	<370	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	**1190**	**429**	**905**	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	<370	<359	<862	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	**3170**	**1740**	**2740**	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	**5410**	**2880**	**3180**	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA15-G10 4 - 6 3/22/2013 SS-RTA15-G10(4-6)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 6 - 8 3/22/2013 SS-RTA15-G10(6-8)-1 SB66562	SS-RTA14-19 SS-RTA15-G10 8 - 10 3/22/2013 SS-RTA15-G10(8-10)-1 SB66562	SS-RTA14-19 SS-RTA15-G13 0 - 0.5 4/26/2013 SS-RTA19-G13(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA15-G13 1.5 - 2 4/26/2013 SS-RTA19-G13(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA15-G13 3 - 4 4/26/2013 SS-RTA19-G13(3-4)-1 SB68640	SS-RTA14-19 SS-RTA15-G13 4 - 6 4/26/2013 SS-RTA19-G13(4-6)-1 SB68640	SS-RTA14-19 SS-RTA16-SB01 3 - 4 3/22/2013 SS-RTA16-SB01(3-4)-1 SB66507	SS-RTA14-19 SS-RTA19-C16 0 - 0.5 4/29/2013 SS-RTA19-C16(0-0.5)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 1.5 - 2 4/29/2013 SS-RTA19-C16(1.5-2)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 3 - 4 4/29/2013 SS-RTA19-C16(3-4)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 4 - 6 4/29/2013 SS-RTA19-C16(4-6)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 6 - 8 4/29/2013 SS-RTA19-C16(6-8)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 8 - 10 4/29/2013 SS-RTA19-C16(8-10)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 10 - 12 4/29/2013 SS-RTA19-C16(10-12)-1 SB68699	SS-RTA14-19 SS-RTA19-C16 12 - 14 4/29/2013 SS-RTA19-C16(12-14)-1 SB68699
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**1250**	**1570**	**29.2**	**1490**	**53.5**	**543**	**140**	NS	**21.3**	<21.1	<21.0	<21.6	<21.0	<21.2	**26.7**	<24.7
Aroclor 1260	NE	NE	NE	NE	**557**	**398**	<21.6	**252**	<21.9	**261**	**42**	NS	<20.3	<21.1	<21.0	<21.6	<21.0	<21.2	<20.5	<24.7
Aroclor 1262	NE	NE	NE	NE	<23.7	<24.4	<21.6	<21.0	**193**	<21.1	<20.0	NS	**117**	<21.1	**93.6**	**769**	**408**	**193**	<20.5	<24.7
Aroclor 1268	NE	NE	NE	NE	<23.7	<24.4	<21.6	<21.0	<21.9	<21.1	<20.0	NS	<20.3	<21.1	<21.0	<21.6	<21.0	<21.2	**90.2**	**84**
Total PCBs	NE	1000	10000	50000	**1807**	**1968**	**29.2**	**1742**	**246.5**	**804**	**182**	NS	**138.3**	<21.1	**93.6**	**769**	**408**	**193**	**116.9**	**84**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-C19 0 - 0.5 6/6/2013 SS-RTA19-C19(0-0.5)-2 SB71178	SS-RTA14-19 SS-RTA19-C19 0 - 0.5 6/6/2013 SS-RTA19-C19(0-0.5)-1 SB71178	SS-RTA14-19 SS-RTA19-C19 1.5 - 2 6/6/2013 SS-RTA19-C19(1.5-2)-1 SB71178	SS-RTA14-19 SS-RTA19-C19 1.5 - 2 6/6/2013 SS-RTA19-C19(1.5-2)-2 SB71178	SS-RTA14-19 SS-RTA19-D16 0 - 0.5 4/25/2013 SS-RTA19-D16(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 1.5 - 2 4/25/2013 SS-RTA19-D16(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 3 - 4 4/25/2013 SS-RTA19-D16(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 4 - 6 4/25/2013 SS-RTA19-D16(4-6)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 6 - 8 4/25/2013 SS-RTA19-D16(6-8)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 8 - 10 4/25/2013 SS-RTA19-D16(8-10)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 10 - 12 4/25/2013 SS-RTA19-D16(10-12)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 12 - 14 4/25/2013 SS-RTA19-D16(12-14)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 14 - 16 6/6/2013 SS-RTA19-D16(14-16)-1 SB71178	SS-RTA14-19 SS-RTA19-D16 18 - 20 6/6/2013 SS-RTA19-D16(18-20)-1 SB71178	SS-RTA14-19 SS-RTA19-D17 0 - 0.5 3/21/2013 SS-RTA19-D17(0-0.5)-1 SB66513
CT-ETPH (mg/Kg)																			
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																			
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																			
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																			
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																			
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-C19 0 - 0.5 6/6/2013 SS-RTA19-C19(0-0.5)-2 SB71178	SS-RTA14-19 SS-RTA19-C19 0 - 0.5 6/6/2013 SS-RTA19-C19(0-0.5)-1 SB71178	SS-RTA14-19 SS-RTA19-C19 1.5 - 2 6/6/2013 SS-RTA19-C19(1.5-2)-1 SB71178	SS-RTA14-19 SS-RTA19-C19 1.5 - 2 6/6/2013 SS-RTA19-C19(1.5-2)-2 SB71178	SS-RTA14-19 SS-RTA19-D16 0 - 0.5 4/25/2013 SS-RTA19-D16(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 1.5 - 2 4/25/2013 SS-RTA19-D16(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 3 - 4 4/25/2013 SS-RTA19-D16(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 4 - 6 4/25/2013 SS-RTA19-D16(4-6)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 6 - 8 4/25/2013 SS-RTA19-D16(6-8)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 8 - 10 4/25/2013 SS-RTA19-D16(8-10)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 10 - 12 4/25/2013 SS-RTA19-D16(10-12)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 12 - 14 4/25/2013 SS-RTA19-D16(12-14)-1 SB68558	SS-RTA14-19 SS-RTA19-D16 14 - 16 6/6/2013 SS-RTA19-D16(14-16)-1 SB71178	SS-RTA14-19 SS-RTA19-D16 18 - 20 6/6/2013 SS-RTA19-D16(18-20)-1 SB71178	SS-RTA14-19 SS-RTA19-D17 0 - 0.5 3/21/2013 SS-RTA19-D17(0-0.5)-1 SB66513
Metals (mg/Kg)																			
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																			
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																			
Aroclor 1254	NE	NE	NE	NE	**25.1**	**36.2**	<21.9	<21.8	**21.8**	<21.5	<21.9	<22.4	<21.6	<20.8	<20.6	**18000**	**63.3**	<23.3	**8120**
Aroclor 1260	NE	NE	NE	NE	<21.8	<21.9	<21.9	<21.8	<21.8	<21.5	<21.9	<22.4	<21.6	<20.8	<20.6	**1410**	<25.8	<23.3	**2070**
Aroclor 1262	NE	NE	NE	NE	<21.8	<21.9	<21.9	<21.8	<21.8	**178**	**93**	**93**	**345**	**686**	**171**	<266	<25.8	<23.3	<234
Aroclor 1268	NE	NE	NE	NE	<21.8	<21.9	<21.9	<21.8	<21.8	<21.5	<21.9	<22.4	<21.6	<20.8	<20.6	<266	**28.4**	<23.3	<234
Total PCBs	NE	1000	10000	50000	**25.1**	**36.2**	<21.9	<21.8	**21.8**	**178**	**93**	**93**	**345**	**686**	**171**	**19410**	**91.7**	<23.3	**10190**
PCBs-SPLP (mg/L)																			
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

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U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-D17 1.5 - 2 3/21/2013 SS-RTA19-D17(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-D17 3 - 4 3/21/2013 SS-RTA19-D17(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-D17 6 - 8 3/21/2013 SS-RTA19-D17(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-D17 10 - 12 3/21/2013 SS-RTA19-D17(10-12)-1 SB66513	SS-RTA14-19 SS-RTA19-D18 0 - 0.5 4/25/2013 SS-RTA19-D18(0-0.5)-1 SB68522	SS-RTA14-19 SS-RTA19-D18 0 - 0.5 4/25/2013 SS-RTA19-D18(0-0.5)-2 SB68558	SS-RTA14-19 SS-RTA19-D18 1.5 - 2 4/25/2013 SS-RTA19-D18(1.5-2)-1 SB68522	SS-RTA14-19 SS-RTA19-D18 1.5 - 2 4/25/2013 SS-RTA19-D18(1.5-2)-2 SB68558	SS-RTA14-19 SS-RTA19-E14 8 - 10 4/24/2013 SS-RTA19-E14(8-10)-1 SB68500	SS-RTA14-19 SS-RTA19-E14 10 - 12 4/24/2013 SS-RTA19-E14(10-12)-1 SB68500	SS-RTA14-19 SS-RTA19-E14 12 - 14 4/24/2013 SS-RTA19-E14(12-14)-1 SB68500	SS-RTA14-19 SS-RTA19-E16 0 - 0.5 3/21/2013 SS-RTA19-E16(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 1.5 - 2 3/21/2013 SS-RTA19-E16(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 3 - 4 3/21/2013 SS-RTA19-E16(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 6 - 8 3/21/2013 SS-RTA19-E16(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 10 - 12 3/21/2013 SS-RTA19-E16(10-12)-1 SB66513
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-D17 1.5 - 2 3/21/2013 SS-RTA19-D17(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-D17 3 - 4 3/21/2013 SS-RTA19-D17(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-D17 6 - 8 3/21/2013 SS-RTA19-D17(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-D17 10 - 12 3/21/2013 SS-RTA19-D17(10-12)-1 SB66513	SS-RTA14-19 SS-RTA19-D18 0 - 0.5 4/25/2013 SS-RTA19-D18(0-0.5)-1 SB68522	SS-RTA14-19 SS-RTA19-D18 0 - 0.5 4/25/2013 SS-RTA19-D18(0-0.5)-2 SB68558	SS-RTA14-19 SS-RTA19-D18 1.5 - 2 4/25/2013 SS-RTA19-D18(1.5-2)-1 SB68522	SS-RTA14-19 SS-RTA19-D18 1.5 - 2 4/25/2013 SS-RTA19-D18(1.5-2)-2 SB68558	SS-RTA14-19 SS-RTA19-E14 8 - 10 4/24/2013 SS-RTA19-E14(8-10)-1 SB68500	SS-RTA14-19 SS-RTA19-E14 10 - 12 4/24/2013 SS-RTA19-E14(10-12)-1 SB68500	SS-RTA14-19 SS-RTA19-E14 12 - 14 4/24/2013 SS-RTA19-E14(12-14)-1 SB68500	SS-RTA14-19 SS-RTA19-E16 0 - 0.5 3/21/2013 SS-RTA19-E16(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 1.5 - 2 3/21/2013 SS-RTA19-E16(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 3 - 4 3/21/2013 SS-RTA19-E16(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 6 - 8 3/21/2013 SS-RTA19-E16(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-E16 10 - 12 3/21/2013 SS-RTA19-E16(10-12)-1 SB66513
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**153**	<21.2	<21.2	**180**	**1640**	**1430**	**264**	**83.5**	<20.7	**791**	**431**	**64**	<22.0	<22.3	**336**	**1080**
Aroclor 1260	NE	NE	NE	NE	**20.9**	**147**	**211**	**156**	**368**	**259**	**40.6**	<20.6	<20.7	**111**	**59.9**	**21.3**	<22.0	**462**	**97.2**	**177**
Aroclor 1262	NE	NE	NE	NE	<19.9	<21.2	<21.2	<25.1	<20.9	<22.7	<21.4	<20.6	<20.7	<23.3	<25.0	<21.3	<22.0	<22.3	<22.9	<26.2
Aroclor 1268	NE	NE	NE	NE	<19.9	**138**	**201**	<25.1	<20.9	<22.7	<21.4	<20.6	<20.7	<23.3	<25.0	<21.3	<22.0	**434**	<22.9	<26.2
Total PCBs	NE	1000	10000	50000	**173.9**	**285**	**412**	**336**	**2109**	**1689**	**558.6**	**83.5**	<20.7	**902**	**490.9**	**85.3**	<22.0	**896**	**433.2**	**1257**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-E16 12 - 14 3/21/2013 SS-RTA19-E16(12-14)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 0 - 0.5 3/21/2013 SS-RTA19-E17(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 1.5 - 2 3/21/2013 SS-RTA19-E17(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 3 - 4 3/21/2013 SS-RTA19-E17(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 6 - 8 3/21/2013 SS-RTA19-E17(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 10 - 12 3/21/2013 SS-RTA19-E17(10-12)-1 SB66513	SS-RTA14-19 SS-RTA19-E18 0 - 0.5 3/25/2013 SS-RTA19-E18(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 1.5 - 2 3/25/2013 SS-RTA19-E18(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 3 - 4 3/25/2013 SS-RTA19-E18(3-4)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 6 - 8 3/25/2013 SS-RTA19-E18(6-8)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 10 - 12 3/25/2013 SS-RTA19-E18(10-12)-1 SB66673	SS-RTA14-19 SS-RTA19-E19 0 - 0.5 6/6/2013 SS-RTA19-E19(0-0.5)-1 SB71178	SS-RTA14-19 SS-RTA19-E19 1.5 - 2 6/6/2013 SS-RTA19-E19(1.5-2)-1 SB71178	SS-RTA14-19 SS-RTA19-E19 3 - 4 6/6/2013 SS-RTA19-E19(3-4)-1 SB71178	SS-RTA14-19 SS-RTA19-E19 3 - 4 6/6/2013 SS-RTA19-E19(3-4)-2 SB71178	SS-RTA14-19 SS-RTA19-E19 4 - 6 6/6/2013 SS-RTA19-E19(4-6)-1 SB71178
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-E16 12 - 14 3/21/2013 SS-RTA19-E16(12-14)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 0 - 0.5 3/21/2013 SS-RTA19-E17(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 1.5 - 2 3/21/2013 SS-RTA19-E17(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 3 - 4 3/21/2013 SS-RTA19-E17(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 6 - 8 3/21/2013 SS-RTA19-E17(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-E17 10 - 12 3/21/2013 SS-RTA19-E17(10-12)-1 SB66513	SS-RTA14-19 SS-RTA19-E18 0 - 0.5 3/25/2013 SS-RTA19-E18(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 1.5 - 2 3/25/2013 SS-RTA19-E18(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 3 - 4 3/25/2013 SS-RTA19-E18(3-4)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 6 - 8 3/25/2013 SS-RTA19-E18(6-8)-1 SB66673	SS-RTA14-19 SS-RTA19-E18 10 - 12 3/25/2013 SS-RTA19-E18(10-12)-1 SB66673	SS-RTA14-19 SS-RTA19-E19 0 - 0.5 6/6/2013 SS-RTA19-E19(0-0.5)-1 SB71178	SS-RTA14-19 SS-RTA19-E19 1.5 - 2 6/6/2013 SS-RTA19-E19(1.5-2)-1 SB71178	SS-RTA14-19 SS-RTA19-E19 3 - 4 6/6/2013 SS-RTA19-E19(3-4)-1 SB71178	SS-RTA14-19 SS-RTA19-E19 3 - 4 6/6/2013 SS-RTA19-E19(3-4)-2 SB71178	SS-RTA14-19 SS-RTA19-E19 4 - 6 6/6/2013 SS-RTA19-E19(4-6)-1 SB71178
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**179**	**185**	<20.2	<21.0	<21.4	**838**	**27.8**	<21.5	<22.0	<22.0	**469**	**182**	<20.4	<21.4	<21.4	<20.4
Aroclor 1260	NE	NE	NE	NE	<24.2	**75.8**	<20.2	**558**	**275**	**208**	<21.4	**61.4**	**277**	**51.7**	**190**	**92.5**	<20.4	**81.5**	**125**	**182**
Aroclor 1262	NE	NE	NE	NE	<24.2	<22.3	<20.2	<21.0	<21.4	<23.1	**34.2**	<21.5	<22.0	<22.0	<24.1	<21.5	<20.4	<21.4	<21.4	<20.4
Aroclor 1268	NE	NE	NE	NE	<24.2	<22.3	<20.2	**439**	**185**	<23.1	<21.4	**49.6**	**273**	**58.3**	<24.1	<21.5	<20.4	**66.5**	**132**	**25.4**
Total PCBs	NE	1000	10000	50000	**179**	**260.8**	<20.2	**997**	**460**	**1046**	**62**	**111**	**550**	**110**	**659**	**274.5**	<20.4	**148**	**257**	**207.4**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-F16 0 - 0.5 4/25/2013 SS-RTA19-F16(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 1.5 - 2 4/25/2013 SS-RTA19-F16(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 3 - 4 4/25/2013 SS-RTA19-F16(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 4 - 6 4/25/2013 SS-RTA19-F16(4-6)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 6 - 8 4/25/2013 SS-RTA19-F16(6-8)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 8 - 10 4/25/2013 SS-RTA19-F16(8-10)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 10 - 12 4/25/2013 SS-RTA19-F16(10-12)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 12 - 14 4/25/2013 SS-RTA19-F16(12-14)-1 SB68558	SS-RTA14-19 SS-RTA19-F17 0 - 0.5 3/25/2013 SS-RTA19-F17(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 1.5 - 2 3/25/2013 SS-RTA19-F17(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 3 - 4 3/25/2013 SS-RTA19-F17(3-4)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 6 - 8 3/25/2013 SS-RTA19-F17(6-8)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 10 - 12 3/25/2013 SS-RTA19-F17(10-12)-1 SB66673	SS-RTA14-19 SS-RTA19-F19 0 - 0.5 4/26/2013 SS-RTA19-F19(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-F19 1.5 - 2 4/26/2013 SS-RTA19-F19(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-F19 3 - 4 4/26/2013 SS-RTA19-F19(3-4)-1 SB68640
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-F16 0 - 0.5 4/25/2013 SS-RTA19-F16(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 1.5 - 2 4/25/2013 SS-RTA19-F16(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 3 - 4 4/25/2013 SS-RTA19-F16(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 4 - 6 4/25/2013 SS-RTA19-F16(4-6)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 6 - 8 4/25/2013 SS-RTA19-F16(6-8)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 8 - 10 4/25/2013 SS-RTA19-F16(8-10)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 10 - 12 4/25/2013 SS-RTA19-F16(10-12)-1 SB68558	SS-RTA14-19 SS-RTA19-F16 12 - 14 4/25/2013 SS-RTA19-F16(12-14)-1 SB68558	SS-RTA14-19 SS-RTA19-F17 0 - 0.5 3/25/2013 SS-RTA19-F17(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 1.5 - 2 3/25/2013 SS-RTA19-F17(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 3 - 4 3/25/2013 SS-RTA19-F17(3-4)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 6 - 8 3/25/2013 SS-RTA19-F17(6-8)-1 SB66673	SS-RTA14-19 SS-RTA19-F17 10 - 12 3/25/2013 SS-RTA19-F17(10-12)-1 SB66673	SS-RTA14-19 SS-RTA19-F19 0 - 0.5 4/26/2013 SS-RTA19-F19(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-F19 1.5 - 2 4/26/2013 SS-RTA19-F19(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-F19 3 - 4 4/26/2013 SS-RTA19-F19(3-4)-1 SB68640
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**913**	<21.5	**62.1**	**72.8**	**401**	**101**	**1600**	<25.0	**1660**	<20.9	<21.6	**86.5**	**318**	<21.4	<20.7	<20.6
Aroclor 1260	NE	NE	NE	NE	**174**	<21.5	<21.4	<21.7	**76**	<22.4	**123**	<25.0	**226**	<20.9	**568**	<22.5	**133**	<21.4	<20.7	<20.6
Aroclor 1262	NE	NE	NE	NE	<23.1	<21.5	**133**	**42.4**	<27.2	<22.4	<29.4	<25.0	<23.1	<20.9	<21.6	<22.5	<22.7	**29**	<20.7	**50.4**
Aroclor 1268	NE	NE	NE	NE	<23.1	<21.5	<21.4	<21.7	<27.2	<22.4	<29.4	<25.0	<23.1	<20.9	**594**	**40.4**	<22.7	<21.4	<20.7	<20.6
Total PCBs	NE	1000	10000	50000	**1087**	<21.5	**195.1**	**115.2**	**477**	**101**	**1723**	<25.0	**1886**	<20.9	**1162**	**126.9**	**451**	**29**	<20.7	**50.4**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

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GB PMC = Pollutant Mobility Criteria

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VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

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NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-F19 4 - 6 4/26/2013 SS-RTA19-F19(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-F19 6 - 8 4/26/2013 SS-RTA19-F19(6-8)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 0 - 0.5 4/26/2013 SS-RTA19-G21(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 1.5 - 2 4/26/2013 SS-RTA19-G21(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 3 - 4 4/26/2013 SS-RTA19-G21(3-4)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 4 - 6 4/26/2013 SS-RTA19-G21(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 6 - 8 4/26/2013 SS-RTA19-G21(6-8)-1 SB68640	SS-RTA14-19 SS-RTA19-H14 0 - 0.5 6/10/2013 SS-RTA19-H14(0-0.5)-1 SB71223	SS-RTA14-19 SS-RTA19-H16 0 - 0.5 4/26/2013 SS-RTA19-H16(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 1.5 - 2 4/26/2013 SS-RTA19-H16(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 3 - 4 4/26/2013 SS-RTA19-H16(3-4)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 4 - 6 4/26/2013 SS-RTA19-H16(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 6 - 8 4/26/2013 SS-RTA19-H16(6-8)-1 SB68640	SS-RTA14-19 SS-RTA19-I18 0 - 0.5 3/21/2013 SS-RTA19-I18(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-I18 1.5 - 2 3/21/2013 SS-RTA19-I18(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-I19 0 - 0.5 3/21/2013 SS-RTA19-I19(0-0.5)-1 SB66513
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-F19 4 - 6 4/26/2013 SS-RTA19-F19(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-F19 6 - 8 4/26/2013 SS-RTA19-F19(6-8)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 0 - 0.5 4/26/2013 SS-RTA19-G21(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 1.5 - 2 4/26/2013 SS-RTA19-G21(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 3 - 4 4/26/2013 SS-RTA19-G21(3-4)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 4 - 6 4/26/2013 SS-RTA19-G21(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-G21 6 - 8 4/26/2013 SS-RTA19-G21(6-8)-1 SB68640	SS-RTA14-19 SS-RTA19-H14 0 - 0.5 6/10/2013 SS-RTA19-H14(0-0.5)-1 SB71223	SS-RTA14-19 SS-RTA19-H16 0 - 0.5 4/26/2013 SS-RTA19-H16(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 1.5 - 2 4/26/2013 SS-RTA19-H16(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 3 - 4 4/26/2013 SS-RTA19-H16(3-4)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 4 - 6 4/26/2013 SS-RTA19-H16(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-H16 6 - 8 4/26/2013 SS-RTA19-H16(6-8)-1 SB68640	SS-RTA14-19 SS-RTA19-I18 0 - 0.5 3/21/2013 SS-RTA19-I18(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-I18 1.5 - 2 3/21/2013 SS-RTA19-I18(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-I19 0 - 0.5 3/21/2013 SS-RTA19-I19(0-0.5)-1 SB66513
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	<20.7	<21.4	**66.6**	<19.7	<21.1	<20.7	<21.1	**46.1**	**181**	**32.4**	**29.8**	**21.5**	<19.9	**614**	**46.6**	**225**
Aroclor 1260	NE	NE	NE	NE	<20.7	<21.4	**106**	**40.5**	<21.1	<20.7	<21.1	**51.6**	**68.1**	<21.6	<20.6	<21.5	<19.9	**159**	**113**	**282**
Aroclor 1262	NE	NE	NE	NE	**1130**	**439**	<20.2	<19.7	**130**	**218**	**60.1**	<22.0	<23.1	**216**	**42.2**	<21.5	<19.9	<22.3	<20.3	<23.5
Aroclor 1268	NE	NE	NE	NE	<20.7	<21.4	<20.2	<19.7	<21.1	<20.7	<21.1	<22.0	<23.1	<21.6	<20.6	<21.5	<19.9	<22.3	**35.5**	<23.5
Total PCBs	NE	1000	10000	50000	**1130**	**439**	**172.6**	**40.5**	**130**	**218**	**60.1**	**97.7**	**249.1**	**248.4**	**72**	**21.5**	<19.9	**773**	**195.1**	**507**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-I19 1.5 - 2 3/21/2013 SS-RTA19-I19(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-J13 0 - 0.5 4/25/2013 SS-RTA19-J13(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-J13 1.5 - 2 4/25/2013 SS-RTA19-J13(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-J13 3 - 4 4/25/2013 SS-RTA19-J13(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-J17 0 - 0.5 3/25/2013 SS-RTA19-J17(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-J17 1.5 - 2 3/25/2013 SS-RTA19-J17(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-J18 0 - 0.5 3/25/2013 SS-RTA19-J18(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-J18 1.5 - 2 3/25/2013 SS-RTA19-J18(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-J19 0 - 0.5 3/21/2013 SS-RTA19-J19(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-J19 1.5 - 2 3/21/2013 SS-RTA19-J19(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-J22 0 - 0.5 4/26/2013 SS-RTA19-J22(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 1.5 - 2 4/26/2013 SS-RTA19-J22(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 3 - 4 4/26/2013 SS-RTA19-J22(3-4)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 4 - 6 4/26/2013 SS-RTA19-J22(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 6 - 6.5 4/26/2013 SS-RTA19-J22(6-6.5)-1 SB68640	SS-RTA14-19 SS-RTA19-K13 3 - 4 3/18/2013 SS-RTA19-K13(3-4)-1 SB66322
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<173
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-I19 1.5 - 2 3/21/2013 SS-RTA19-I19(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-J13 0 - 0.5 4/25/2013 SS-RTA19-J13(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-J13 1.5 - 2 4/25/2013 SS-RTA19-J13(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-J13 3 - 4 4/25/2013 SS-RTA19-J13(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-J17 0 - 0.5 3/25/2013 SS-RTA19-J17(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-J17 1.5 - 2 3/25/2013 SS-RTA19-J17(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-J18 0 - 0.5 3/25/2013 SS-RTA19-J18(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-J18 1.5 - 2 3/25/2013 SS-RTA19-J18(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-J19 0 - 0.5 3/21/2013 SS-RTA19-J19(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-J19 1.5 - 2 3/21/2013 SS-RTA19-J19(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-J22 0 - 0.5 4/26/2013 SS-RTA19-J22(0-0.5)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 1.5 - 2 4/26/2013 SS-RTA19-J22(1.5-2)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 3 - 4 4/26/2013 SS-RTA19-J22(3-4)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 4 - 6 4/26/2013 SS-RTA19-J22(4-6)-1 SB68640	SS-RTA14-19 SS-RTA19-J22 6 - 6.5 4/26/2013 SS-RTA19-J22(6-6.5)-1 SB68640	SS-RTA14-19 SS-RTA19-K13 3 - 4 3/18/2013 SS-RTA19-K13(3-4)-1 SB66322
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	<20.0	**131**	<113	<41.5	**468**	**23.8**	**344**	**24**	**143**	**141**	<21.3	<22.6	<21.7	<21.3	<21.4	NS
Aroclor 1260	NE	NE	NE	NE	**27**	**151**	<22.6	<20.8	**131**	<20.7	**146**	<21.8	**93.7**	**111**	<21.3	<22.6	<21.7	<21.3	<21.4	NS
Aroclor 1262	NE	NE	NE	NE	<20.0	<21.2	<22.6	<20.8	<23.8	<20.7	<26.2	<21.8	<21.1	<22.2	**64.9**	**3460**	**580**	**313**	**479**	NS
Aroclor 1268	NE	NE	NE	NE	<20.0	<21.2	<22.6	<20.8	<23.8	**38.2**	<26.2	**38.2**	<21.1	<22.2	<21.3	<22.6	<21.7	<21.3	<21.4	NS
Total PCBs	NE	1000	10000	50000	**27**	**282**	<22.6	<41.5	**599**	**62**	**490**	**62.2**	**236.7**	**252**	**64.9**	**3460**	**580**	**313**	**479**	NS
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	<0.000222	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	<0.000222	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	<0.000222	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-K15 0 - 0.5 4/25/2013 SS-RTA19-K15(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-K15 1.5 - 2 4/25/2013 SS-RTA19-K15(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-K15 3 - 4 4/25/2013 SS-RTA19-K15(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-K17 0 - 0.5 4/25/2013 SS-RTA19-K17(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-K17 1.5 - 2 4/25/2013 SS-RTA19-K17(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-K17 3 - 4 4/25/2013 SS-RTA19-K17(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-K18 0 - 0.5 3/25/2013 SS-RTA19-K18(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-K18 1.5 - 2 3/25/2013 SS-RTA19-K18(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-K18 3 - 4 3/25/2013 SS-RTA19-K18(3-4)-1 SB66673	SS-RTA14-19 SS-RTA19-K18 4 - 6 3/25/2013 SS-RTA19-K18(4-6)-1 SB66673	SS-RTA14-19 SS-RTA19-K19 0 - 0.5 3/21/2013 SS-RTA19-K19(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-K19 1.5 - 2 3/21/2013 SS-RTA19-K19(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-K19 3 - 4 3/21/2013 SS-RTA19-K19(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-K19 4 - 6 3/21/2013 SS-RTA19-K19(4-6)-1 SB66513	SS-RTA14-19 SS-RTA19-K20 0 - 0.5 4/25/2013 SS-RTA19-K20(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-K20 1.5 - 2 4/25/2013 SS-RTA19-K20(1.5-2)-1 SB68558
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-K15 0 - 0.5 4/25/2013 SS-RTA19-K15(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-K15 1.5 - 2 4/25/2013 SS-RTA19-K15(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-K15 3 - 4 4/25/2013 SS-RTA19-K15(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-K17 0 - 0.5 4/25/2013 SS-RTA19-K17(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-K17 1.5 - 2 4/25/2013 SS-RTA19-K17(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-K17 3 - 4 4/25/2013 SS-RTA19-K17(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-K18 0 - 0.5 3/25/2013 SS-RTA19-K18(0-0.5)-1 SB66673	SS-RTA14-19 SS-RTA19-K18 1.5 - 2 3/25/2013 SS-RTA19-K18(1.5-2)-1 SB66673	SS-RTA14-19 SS-RTA19-K18 3 - 4 3/25/2013 SS-RTA19-K18(3-4)-1 SB66673	SS-RTA14-19 SS-RTA19-K18 4 - 6 3/25/2013 SS-RTA19-K18(4-6)-1 SB66673	SS-RTA14-19 SS-RTA19-K19 0 - 0.5 3/21/2013 SS-RTA19-K19(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-K19 1.5 - 2 3/21/2013 SS-RTA19-K19(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-K19 3 - 4 3/21/2013 SS-RTA19-K19(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-K19 4 - 6 3/21/2013 SS-RTA19-K19(4-6)-1 SB66513	SS-RTA14-19 SS-RTA19-K20 0 - 0.5 4/25/2013 SS-RTA19-K20(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-K20 1.5 - 2 4/25/2013 SS-RTA19-K20(1.5-2)-1 SB68558
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**339**	<20.9	<19.5	**260**	**22.2**	<20.7	**159**	**812**	**385**	**154**	**234**	**1140**	**729**	**390**	**60.1**	**8670**
Aroclor 1260	NE	NE	NE	NE	**198**	<20.9	<19.5	<21.4	<19.3	<20.7	**188**	**322**	**130**	**36.7**	**183**	**253**	**167**	**171**	**119**	**1590**
Aroclor 1262	NE	NE	NE	NE	<23.7	<20.9	<19.5	**285**	**23.2**	<20.7	<23.7	<21.6	<21.8	<20.4	<23.9	<22.6	<22.2	<23.8	<21.1	<220
Aroclor 1268	NE	NE	NE	NE	<23.7	<20.9	<19.5	<21.4	<19.3	<20.7	<23.7	<21.6	<21.8	<20.4	<23.9	<22.6	<22.2	<23.8	<21.1	<220
Total PCBs	NE	1000	10000	50000	**537**	<20.9	<19.5	**545**	**45.4**	<20.7	**347**	**1134**	**515**	**190.7**	**417**	**1393**	**896**	**561**	**179.1**	**10260**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Bold = Analyte detected above reporting limit.

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VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

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PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

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NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-K20 3 - 4 4/25/2013 SS-RTA19-K20(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-K20 4 - 6 4/25/2013 SS-RTA19-K20(4-6)-1 SB68558	SS-RTA14-19 SS-RTA19-K20 6 - 8 4/25/2013 SS-RTA19-K20(6-8)-1 SB68558	SS-RTA14-19 SS-RTA19-L19 0 - 0.5 4/25/2013 SS-RTA19-L19(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-L19 1.5 - 2 4/25/2013 SS-RTA19-L19(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-L19 3 - 4 4/25/2013 SS-RTA19-L19(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-M14 0 - 0.5 4/23/2013 SS-RTA19-M14(0-0.5)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 1.5 - 2 4/23/2013 SS-RTA19-M14(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 3 - 4 4/23/2013 SS-RTA19-M14(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 4 - 6 4/23/2013 SS-RTA19-M14(4-6)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 6 - 8 4/23/2013 SS-RTA19-M14(6-8)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 8 - 10 4/23/2013 SS-RTA19-M14(8-10)-1 SB68383	SS-RTA14-19 SS-RTA19-M15 0 - 0.5 4/16/2013 SS-RTA19-M15(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA19-M15 1.5 - 2 4/19/2013 SS-RTA19-M15(1.5-2)-1 SB68124	SS-RTA14-19 SS-RTA19-M15 3 - 4 4/19/2013 SS-RTA19-M15(3-4)-1 SB68124	SS-RTA14-19 SS-RTA19-M15 4 - 6 4/23/2013 SS-RTA19-M15(4-6)-1 SB68383
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-K20 3 - 4 4/25/2013 SS-RTA19-K20(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-K20 4 - 6 4/25/2013 SS-RTA19-K20(4-6)-1 SB68558	SS-RTA14-19 SS-RTA19-K20 6 - 8 4/25/2013 SS-RTA19-K20(6-8)-1 SB68558	SS-RTA14-19 SS-RTA19-L19 0 - 0.5 4/25/2013 SS-RTA19-L19(0-0.5)-1 SB68558	SS-RTA14-19 SS-RTA19-L19 1.5 - 2 4/25/2013 SS-RTA19-L19(1.5-2)-1 SB68558	SS-RTA14-19 SS-RTA19-L19 3 - 4 4/25/2013 SS-RTA19-L19(3-4)-1 SB68558	SS-RTA14-19 SS-RTA19-M14 0 - 0.5 4/23/2013 SS-RTA19-M14(0-0.5)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 1.5 - 2 4/23/2013 SS-RTA19-M14(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 3 - 4 4/23/2013 SS-RTA19-M14(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 4 - 6 4/23/2013 SS-RTA19-M14(4-6)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 6 - 8 4/23/2013 SS-RTA19-M14(6-8)-1 SB68383	SS-RTA14-19 SS-RTA19-M14 8 - 10 4/23/2013 SS-RTA19-M14(8-10)-1 SB68383	SS-RTA14-19 SS-RTA19-M15 0 - 0.5 4/16/2013 SS-RTA19-M15(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA19-M15 1.5 - 2 4/19/2013 SS-RTA19-M15(1.5-2)-1 SB68124	SS-RTA14-19 SS-RTA19-M15 3 - 4 4/19/2013 SS-RTA19-M15(3-4)-1 SB68124	SS-RTA14-19 SS-RTA19-M15 4 - 6 4/23/2013 SS-RTA19-M15(4-6)-1 SB68383
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**899**	**1410**	**1050**	**464**	**1290**	**22**	<20.5	<19.7	<20.9	<20.1	<20.0	<22.6	**14900**	**23.5**	<20.4	<19.0
Aroclor 1260	NE	NE	NE	NE	**341**	**315**	**256**	**262**	**452**	<20.0	<20.5	<19.7	<20.9	<20.1	<20.0	<22.6	**2770**	**33.2**	<20.4	<19.0
Aroclor 1262	NE	NE	NE	NE	<20.7	<21.7	<21.9	<26.4	<21.0	<20.0	**87.3**	<19.7	<20.9	<20.1	<20.0	<22.6	<433	<21.4	<20.4	<19.0
Aroclor 1268	NE	NE	NE	NE	<20.7	<21.7	<21.9	<26.4	<21.0	<20.0	<20.5	<19.7	<20.9	<20.1	<20.0	<22.6	<433	<21.4	<20.4	<19.0
Total PCBs	NE	1000	10000	50000	**1240**	**1725**	**1306**	**726**	**1742**	**22**	**87.3**	<19.7	<20.9	<20.1	<20.0	<22.6	**17670**	**56.7**	<20.4	<19.0
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-M15 6 - 8 4/23/2013 SS-RTA19-M15(6-8)-1 SB68383	SS-RTA14-19 SS-RTA19-M15 8 - 10 4/23/2013 SS-RTA19-M15(8-10)-1 SB68383	SS-RTA14-19 SS-RTA19-M15 10 - 12 4/23/2013 SS-RTA19-M15(10-12)-1 SB68383	SS-RTA14-19 SS-RTA19-M16 0 - 0.5 4/16/2013 SS-RTA19-M16(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA19-M16 1.5 - 2 4/19/2013 SS-RTA19-M16(1.5-2)-1 SB68124	SS-RTA14-19 SS-RTA19-M16 3 - 4 4/19/2013 SS-RTA19-M16(3-4)-1 SB68124	SS-RTA14-19 SS-RTA19-M21 0 - 0.5 4/23/2013 SS-RTA19-M21(0-0.5)-1 SB68383	SS-RTA14-19 SS-RTA19-M21 1.5 - 2 4/23/2013 SS-RTA19-M21(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-M21 3 - 4 4/23/2013 SS-RTA19-M21(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-N14 0 - 0.5 3/18/2013 SS-RTA19-N14(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA19-N14 1.5 - 2 3/18/2013 SS-RTA19-N14(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA19-N14 6 - 8 3/18/2013 SS-RTA19-N14(6-8)-1 SB66322	SS-RTA14-19 SS-RTA19-N14 8 - 10 3/18/2013 SS-RTA19-N14(8-10)-1 SB66322	SS-RTA14-19 SS-RTA19-N15 0 - 0.5 3/18/2013 SS-RTA19-N15(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA19-N15 0 - 0.5 3/18/2013 SS-RTA19-N15(0-0.5)-2 SB66322	SS-RTA14-19 SS-RTA19-N15 1.5 - 2 3/18/2013 SS-RTA19-N15(1.5-2)-1 SB66322
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-M15 6 - 8 4/23/2013 SS-RTA19-M15(6-8)-1 SB68383	SS-RTA14-19 SS-RTA19-M15 8 - 10 4/23/2013 SS-RTA19-M15(8-10)-1 SB68383	SS-RTA14-19 SS-RTA19-M15 10 - 12 4/23/2013 SS-RTA19-M15(10-12)-1 SB68383	SS-RTA14-19 SS-RTA19-M16 0 - 0.5 4/16/2013 SS-RTA19-M16(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA19-M16 1.5 - 2 4/19/2013 SS-RTA19-M16(1.5-2)-1 SB68124	SS-RTA14-19 SS-RTA19-M16 3 - 4 4/19/2013 SS-RTA19-M16(3-4)-1 SB68124	SS-RTA14-19 SS-RTA19-M21 0 - 0.5 4/23/2013 SS-RTA19-M21(0-0.5)-1 SB68383	SS-RTA14-19 SS-RTA19-M21 1.5 - 2 4/23/2013 SS-RTA19-M21(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-M21 3 - 4 4/23/2013 SS-RTA19-M21(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-N14 0 - 0.5 3/18/2013 SS-RTA19-N14(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA19-N14 1.5 - 2 3/18/2013 SS-RTA19-N14(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA19-N14 6 - 8 3/18/2013 SS-RTA19-N14(6-8)-1 SB66322	SS-RTA14-19 SS-RTA19-N14 8 - 10 3/18/2013 SS-RTA19-N14(8-10)-1 SB66322	SS-RTA14-19 SS-RTA19-N15 0 - 0.5 3/18/2013 SS-RTA19-N15(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA19-N15 0 - 0.5 3/18/2013 SS-RTA19-N15(0-0.5)-2 SB66322	SS-RTA14-19 SS-RTA19-N15 1.5 - 2 3/18/2013 SS-RTA19-N15(1.5-2)-1 SB66322
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**215**	**257**	**39.6**	**445**	<20.5	<19.5	<21.3	**1290**	**1200**	**242**	<21.5	<24.1	<25.2	**198000**	**213000**	**7790**
Aroclor 1260	NE	NE	NE	NE	**34.5**	**38.8**	<24.0	<21.7	<20.5	<19.5	<21.3	**437**	**300**	**115**	<21.5	<24.1	<25.2	**15000**	**15100**	**482**
Aroclor 1262	NE	NE	NE	NE	<20.9	<22.8	<24.0	<21.7	<20.5	<19.5	**377**	<22.5	<20.9	<20.7	<21.5	<24.1	<25.2	<21.3	<21.5	<20.9
Aroclor 1268	NE	NE	NE	NE	<20.9	<22.8	<24.0	**160**	<20.5	<19.5	<21.3	<22.5	<20.9	<20.7	<21.5	<24.1	<25.2	<21.3	<21.5	<20.9
Total PCBs	NE	1000	10000	50000	**249.5**	**295.8**	**39.6**	**605**	<20.5	<19.5	**377**	**1727**	**1500**	**357**	<21.5	<24.1	<25.2	**213000**	**228100**	**8272**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	<0.000235	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	<0.000235	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	<0.000235	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-N15 1.5 - 2 3/18/2013 SS-RTA19-N15(1.5-2)-2 SB66322	SS-RTA14-19 SS-RTA19-N15 4 - 6 3/18/2013 SS-RTA19-N15(4-6)-1 SB66322	SS-RTA14-19 SS-RTA19-N15 6 - 8 3/18/2013 SS-RTA19-N15(6-8)-1 SB66322	SS-RTA14-19 SS-RTA19-N15 8 - 10 3/18/2013 SS-RTA19-N15(8-10)-1 SB66322	SS-RTA14-19 SS-RTA19-N16 0 - 0.5 4/16/2013 SS-RTA19-N16(0-0.5)-1 SB67859	SS-RTA14-19 SS-RTA19-N16 1.5 - 2 4/16/2013 SS-RTA19-N16(1.5-2)-1 SB67859	SS-RTA14-19 SS-RTA19-N16 3 - 4 4/16/2013 SS-RTA19-N16(3-4)-1 SB67859	SS-RTA14-19 SS-RTA19-N16 4 - 6 4/23/2013 SS-RTA19-N16(4-6)-1 SB68383	SS-RTA14-19 SS-RTA19-N16 6 - 8 4/23/2013 SS-RTA19-N16(6-8)-1 SB68383	SS-RTA14-19 SS-RTA19-N16 8 - 10 4/23/2013 SS-RTA19-N16(8-10)-1 SB68383	SS-RTA14-19 SS-RTA19-N16 10 - 12 4/23/2013 SS-RTA19-N16(10-12)-1 SB68383	SS-RTA14-19 SS-RTA19-O14 0 - 0.5 3/18/2013 SS-RTA19-O14(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA19-O14 1.5 - 2 3/18/2013 SS-RTA19-O14(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA19-O14 3 - 4 3/18/2013 SS-RTA19-O14(3-4)-1 SB66322	SS-RTA14-19 SS-RTA19-O14 6 - 8 3/18/2013 SS-RTA19-O14(6-8)-1 SB66322	SS-RTA14-19 SS-RTA19-O14 8 - 10 3/18/2013 SS-RTA19-O14(8-10)-1 SB66322
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<174	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
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Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	4740	**5010**	**7650**	**5530**	**213**	<20.5	<21.0	<19.6	<19.0	<23.2	<23.5	**373**	<22.1	<20.6	<22.8	<25.6
Aroclor 1260	NE	NE	NE	NE	324	**407**	**534**	**381**	<22.1	<20.5	<21.0	<19.6	<19.0	<23.2	<23.5	**72.3**	<22.1	<20.6	<22.8	<25.6
Aroclor 1262	NE	NE	NE	NE	<20.9	<21.0	<20.9	<24.3	<22.1	<20.5	<21.0	<19.6	<19.0	<23.2	<23.5	<19.8	<22.1	<20.6	<22.8	<25.6
Aroclor 1268	NE	NE	NE	NE	<20.9	<21.0	<20.9	<24.3	**129**	<20.5	<21.0	<19.6	<19.0	<23.2	<23.5	<19.8	<22.1	<20.6	<22.8	<25.6
Total PCBs	NE	1000	10000	50000	5064	**5417**	**8184**	**5911**	**342**	<20.5	<21.0	<19.6	<19.0	<23.2	<23.5	**445.3**	<22.1	<20.6	<22.8	<25.6
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000222	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000222	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000222	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

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VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-O15 0 - 0.5 3/18/2013 SS-RTA19-O15(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA19-O15 1.5 - 2 3/18/2013 SS-RTA19-O15(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA19-O15 6 - 8 3/18/2013 SS-RTA19-O15(6-8)-1 SB66322	SS-RTA14-19 SS-RTA19-O15 8 - 10 3/18/2013 SS-RTA19-O15(8-10)-1 SB66322	SS-RTA14-19 SS-RTA19-O16 0 - 0.5 4/23/2013 SS-RTA19-O16(0-0.5)-1 SB68383	SS-RTA14-19 SS-RTA19-O16 1.5 - 2 4/23/2013 SS-RTA19-O16(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-O16 3 - 4 4/23/2013 SS-RTA19-O16(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-O20 0 - 0.5 6/6/2013 SS-RTA19-O20(0-0.5)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 1.5 - 2 6/6/2013 SS-RTA19-O20(1.5-2)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 3 - 4 6/6/2013 SS-RTA19-O20(3-4)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 4 - 6 6/6/2013 SS-RTA19-O20(4-6)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 6 - 8 6/6/2013 SS-RTA19-O20(6-8)-1 SB71178	SS-RTA14-19 SS-RTA19-P13 0 - 0.5 4/24/2013 SS-RTA19-P13(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA19-P13 1.5 - 2 4/24/2013 SS-RTA19-P13(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA19-P13 3 - 4 4/24/2013 SS-RTA19-P13(3-4)-1 SB68500	SS-RTA14-19 SS-RTA19-P15 0 - 0.5 4/23/2013 SS-RTA19-P15(0-0.5)-1 SB68383
CT-ETPH (mg/Kg)																				
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)																				
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)																				
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)																				
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs - SPLP (mg/l)																				
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-O15 0 - 0.5 3/18/2013 SS-RTA19-O15(0-0.5)-1 SB66322	SS-RTA14-19 SS-RTA19-O15 1.5 - 2 3/18/2013 SS-RTA19-O15(1.5-2)-1 SB66322	SS-RTA14-19 SS-RTA19-O15 6 - 8 3/18/2013 SS-RTA19-O15(6-8)-1 SB66322	SS-RTA14-19 SS-RTA19-O15 8 - 10 3/18/2013 SS-RTA19-O15(8-10)-1 SB66322	SS-RTA14-19 SS-RTA19-O16 0 - 0.5 4/23/2013 SS-RTA19-O16(0-0.5)-1 SB68383	SS-RTA14-19 SS-RTA19-O16 1.5 - 2 4/23/2013 SS-RTA19-O16(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-O16 3 - 4 4/23/2013 SS-RTA19-O16(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-O20 0 - 0.5 6/6/2013 SS-RTA19-O20(0-0.5)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 1.5 - 2 6/6/2013 SS-RTA19-O20(1.5-2)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 3 - 4 6/6/2013 SS-RTA19-O20(3-4)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 4 - 6 6/6/2013 SS-RTA19-O20(4-6)-1 SB71178	SS-RTA14-19 SS-RTA19-O20 6 - 8 6/6/2013 SS-RTA19-O20(6-8)-1 SB71178	SS-RTA14-19 SS-RTA19-P13 0 - 0.5 4/24/2013 SS-RTA19-P13(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA19-P13 1.5 - 2 4/24/2013 SS-RTA19-P13(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA19-P13 3 - 4 4/24/2013 SS-RTA19-P13(3-4)-1 SB68500	SS-RTA14-19 SS-RTA19-P15 0 - 0.5 4/23/2013 SS-RTA19-P15(0-0.5)-1 SB68383
Metals (mg/Kg)																				
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)																				
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)																				
Aroclor 1254	NE	NE	NE	NE	**1160**	<22.6	<22.1	<25.1	**139**	<20.3	<20.0	<20.9	<20.9	<21.7	<20.0	<19.8	**91.2**	<20.6	<19.6	**1080**
Aroclor 1260	NE	NE	NE	NE	**135**	<22.6	<22.1	<25.1	<21.3	<20.3	<20.0	**123**	<20.9	<21.7	<20.0	<19.8	**34.1**	<20.6	<19.6	<19.1
Aroclor 1262	NE	NE	NE	NE	<20.6	<22.6	<22.1	<25.1	**165**	<20.3	<20.0	<20.9	<20.9	<21.7	<20.0	<19.8	<22.0	<20.6	<19.6	<19.1
Aroclor 1268	NE	NE	NE	NE	<20.6	<22.6	<22.1	<25.1	<21.3	<20.3	<20.0	<20.9	<20.9	<21.7	<20.0	<19.8	<22.0	<20.6	<19.6	<19.1
Total PCBs	NE	1000	10000	50000	**1295**	<22.6	<22.1	<25.1	**304**	<20.3	<20.0	**123**	<20.9	<21.7	<20.0	<19.8	**125.3**	<20.6	<19.6	**1080**
PCBs-SPLP (mg/L)																				
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-P15 1.5 - 2 4/23/2013 SS-RTA19-P15(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-P15 3 - 4 4/23/2013 SS-RTA19-P15(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-P16 0 - 0.5 3/21/2013 SS-RTA19-P16(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-P16 1.5 - 2 3/21/2013 SS-RTA19-P16(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-P16 3 - 4 3/21/2013 SS-RTA19-P16(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-P16 6 - 8 3/21/2013 SS-RTA19-P16(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-R14 0 - 0.5 4/24/2013 SS-RTA19-R14(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA19-R14 1.5 - 2 4/24/2013 SS-RTA19-R14(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA19-R14 3 - 4 4/24/2013 SS-RTA19-R14(3-4)-1 SB68500
CT-ETPH (mg/Kg)													
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT-ETPH - SPLP (mg/l)													
CT-ETPH (C9-C36)	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs (ug/Kg)													
1,1-Dichloroethane	14000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethylene	1400	1000	9500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	2400	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	1900	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	140000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	1000	82000	760000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	2000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	1000	12000	110000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	1000	56000	520000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	35000	500000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	400	320	3000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs (ug/Kg)													
2-Methylnaphthalene	5500	271000	1000000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Acenaphthene	30000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Acenaphthylene	84000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Anthracene	400000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Benzo(g,h,i)perylene	29600	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Chrysene	9400	84000	780000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Dibenzo(a,h)anthracene	1000	1000	1000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Fluoranthene	56000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Fluorene	56000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	3000	1000	7800	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Naphthalene	56000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Phenanthrene	40000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
Pyrene	40000	1000000	2500000	NE	NS	NS	NS	NS	<173	NS	NS	NS	NS
PAHs - SPLP (mg/l)													
1-Methylnaphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

Draft Table 3-28
Soil Analytical Data
SS-RTA15, SS-RTA15, SS-RTA19
Former Equipment Storage Area Debris Pile
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	SS-RTA14-19 SS-RTA19-P15 1.5 - 2 4/23/2013 SS-RTA19-P15(1.5-2)-1 SB68383	SS-RTA14-19 SS-RTA19-P15 3 - 4 4/23/2013 SS-RTA19-P15(3-4)-1 SB68383	SS-RTA14-19 SS-RTA19-P16 0 - 0.5 3/21/2013 SS-RTA19-P16(0-0.5)-1 SB66513	SS-RTA14-19 SS-RTA19-P16 1.5 - 2 3/21/2013 SS-RTA19-P16(1.5-2)-1 SB66513	SS-RTA14-19 SS-RTA19-P16 3 - 4 3/21/2013 SS-RTA19-P16(3-4)-1 SB66513	SS-RTA14-19 SS-RTA19-P16 6 - 8 3/21/2013 SS-RTA19-P16(6-8)-1 SB66513	SS-RTA14-19 SS-RTA19-R14 0 - 0.5 4/24/2013 SS-RTA19-R14(0-0.5)-1 SB68500	SS-RTA14-19 SS-RTA19-R14 1.5 - 2 4/24/2013 SS-RTA19-R14(1.5-2)-1 SB68500	SS-RTA14-19 SS-RTA19-R14 3 - 4 4/24/2013 SS-RTA19-R14(3-4)-1 SB68500
Metals (mg/Kg)													
Lead	NE	400	1000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP/TCLP (mg/l)													
Chromium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.15	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.5	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1254	NE	NE	NE	NE	**129**	<20.2	**167**	<22.6	<20.0	<19.8	**91.4**	<19.5	**71.9**
Aroclor 1260	NE	NE	NE	NE	<22.1	<20.2	**42.5**	<22.6	<20.0	<19.8	<19.9	<19.5	**40.2**
Aroclor 1262	NE	NE	NE	NE	<22.1	<20.2	<22.4	<22.6	<20.0	<19.8	<19.9	<19.5	<21.1
Aroclor 1268	NE	NE	NE	NE	<22.1	<20.2	<22.4	<22.6	<20.0	<19.8	<19.9	<19.5	<21.1
Total PCBs	NE	1000	10000	50000	**129**	<20.2	**209.5**	<22.6	<20.0	<19.8	**91.4**	<19.5	**112.1**
PCBs-SPLP (mg/L)													
Aroclor 1248	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are presented.

<0.010 = Analyte not detected above given laboratory reporting limit.

Bold = Analyte detected above reporting limit.

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

RES DEC = Residential Direct Exposure Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

U = Analyte not detected above given sample quantitation limit.

J = The analyte was detected, but the concentration is estimated.

UJ = Analyte was not detected above the given quantitation limit, but the quantitation limit is estimated.

VOCs - Colatile Organic Compounds

CT-ETPH - Connecticut Extractable Total Petroluem Hysrocarbons

PCBs - Polychlorinated biphenyls

PAHs - Polycyclic aromatic hydrocarbons

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-29
Soil Analytical Data
SS-RTA20A and SS-RTA20B
Former Fire Hydrant Buildings
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

				SS-RTA20A							
RTA Location ID Depth Interval Sample Date Sample ID SDG	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**SS-RTA20 CW-SS-SB001 0 - 0.5 3/11/2013** CW-SS-SB001(0-0.5)-1 SB65889	**SS-RTA20 CW-SS-SB002 0 - 0.5 3/11/2013** CW-SS-SB002(0-0.5)-1 SB65889	**SS-RTA20 CW-SS-SB003 0 - 0.5 3/11/2013** CW-SS-SB003(0-0.5)-1 SB65889	**SS-RTA20 CW-SS-SB004 0 - 0.5 3/11/2013** CW-SS-SB004(0-0.5)-1 SB65889	**SS-RTA20 CW-SS-SB42 0 - 0.5 5/8/2013** CW-SS-SB42(0-0.5)-1 SB69348	**SS-RTA20 CW-SS-SB43 0 - 0.5 5/8/2013** CW-SS-SB43(0-0.5)-1 SB69348	**SS-RTA20 CW-SS-SB44 0 - 0.5 5/8/2013** CW-SS-SB44(0-0.5)-1 SB69348	**SS-RTA20 CW-SS-SB45 0 - 0.5 5/8/2013** CW-SS-SB45(0-0.5)-1 SB69348
PCBs (ug/Kg)											
Aroclor 1254	NE	NE	NE	**3470**	**2730**	**3110**	**2780**	**42.5**	**67.1**	**236**	**121**
Aroclor 1260	NE	NE	NE	**459**	**425**	**596**	**353**	<19.8	<41.9	**124**	<43.5
Total PCBs	1000	10000	50000	**3929**	**3155**	**3706**	**3133**	**42.5**	**67.1**	**360**	**121**

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RSR - Remediation Standard Regulations
GB PMC = Pollutant Mobility Criteria
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PCBs - Polychlorinated biphenyls
TSCA = Toxic Substances Control Act
ug/Kg = Micrograms per kilogram
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mg/L = Milligrams per liter
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Draft Table 3-29
Soil Analytical Data
SS-RTA20A and SS-RTA20B
Former Fire Hydrant Buildings
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

				SS-RTA20B							
RTA Location ID Depth Interval Sample Date Sample ID SDG	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**SS-RTA20 CW-SS-SB46 0 - 0.5 5/8/2013** CW-SS-SB46(0-0.5)-1 SB69348	**SS-RTA20 CW-SS-SB46 1 - 1.5 6/12/2013** CW-SS-SB46(1-1.5)-1 SB71537	**SS-RTA20 CW-SS-SB47 0 - 0.5 5/8/2013** CW-SS-SB47(0-0.5)-1 SB69348	**SS-RTA20 CW-SS-SB48 0 - 0.5 5/8/2013** CW-SS-SB48(0-0.5)-1 SB69348	**SS-RTA20 CW-SS-SB49 0 - 0.5 5/8/2013** CW-SS-SB49(0-0.5)-1 SB69348	**SS-RTA20 CW-SB-SS50 0 - 0.5 5/22/2013** CW-SB-SS50(0-0.5)-1 SB70244	**SS-RTA20 CW-SB77 0 - 0.25 7/9/2013** CW-SB77(0-0.25)-1 SB72811	**SS-RTA20 CW-SB78 0 - 0.25 7/9/2013** CW-SB78(0-0.25)-1 SB72811
PCBs (ug/Kg)											
Aroclor 1254	NE	NE	NE	**10200**	<23.5	**1040**	**306**	**162**	**57.4**	**51.3**	**544**
Aroclor 1260	NE	NE	NE	<218	<23.5	<22.2	<21.0	<19.1	**37.2**	**43.2**	<22.1
Total PCBs	1000	10000	50000	**10200**	<23.5	**1040**	**306**	**162**	**94.6**	**94.5**	**544**

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TSCA = Toxic Substances Control Act
ug/Kg = Micrograms per kilogram
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mg/L = Milligrams per liter
NE = No criteria has been established for this analytes
NS = Not sampled for this analyte.

Draft Table 3-30
Soil Analytical Data
SW-RTA07 and SW-RTA07B
North/South Dock Pipelines
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

					SW-RTA07 - North Dock												
RTA Location ID Depth Interval Sample Date Sample ID SDG	**GB-PMC**	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**W-SW-RTA07 SW-RTA07-AA03 0 - 0.5 5/2/2013** SW-RTA07-AA03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07-AA03 1 - 1.5 5/2/2013** SW-RTA07-AA03(1-1.5)-1 SB68887	**W-SW-RTA07 SW-RTA07-C3 0 - 0.5 3/11/2013** SW-RTA07-C3(0-0.5)-1 SB65875	**W-SW-RTA07 SW-RTA07-CC03 0 - 0.5 6/10/2013** SW-RTA07-CC03(0-0.5)-1 SB71226	**W-SW-RTA07 SW-RTA07-E03 0 - 0.5 5/2/2013** SW-RTA07-E03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07-G3 0 - 0.5 3/11/2013** SW-RTA07-G3(0-0.5)-1 SB65875	**W-SW-RTA07 SW-RTA07-I02 0 - 0.5 6/10/2013** SW-RTA07-I02(0-0.5)-1 SB71226	**W-SW-RTA07 SW-RTA07-I03 0 - 0.5 5/2/2013** SW-RTA07-I03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07-I03 1 - 1.5 5/2/2013** SW-RTA07-I03(1-1.5)-1 SB68887	**W-SW-RTA07 SW-RTA07-I04 0 - 0.5 6/10/2013** SW-RTA07-I04(0-0.5)-1 SB71226	**W-SW-RTA07 SW-RTA07-I04 1 - 1.5 6/10/2013** SW-RTA07-I04(1-1.5)-1 SB71226	**W-SW-RTA07 SW-RTA07-K02.5 0 - 0.5 5/2/2013** SW-RTA07-K02.5(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07-K03 1 - 1.5 5/2/2013** SW-RTA07-K03(1-1.5)-1 SB68887
PCBs (ug/Kg)																	
Aroclor 1254	NE	NE	NE	NE	**1100**	**209**	**26.2**	**52.6**	**123**	<25.3	**317**	**9350**	**527**	<28.7	<25.2	**100**	**45.5**
Aroclor 1260	NE	NE	NE	NE	**130**	**47**	<24.9	<23.4	<23.8	<25.3	<25.9	<223	**62.8**	<28.7	<25.2	<27.4	**44.3**
Total PCBs	NE	1000	10000	50000	**1230**	**256**	**26.2**	**52.6**	**123**	<25.3	**317**	**9350**	**589.8**	<28.7	<25.2	**100**	**89.8**
PCBs-SPLP (mg/L)																	
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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PCBs - Polychlorinated biphenyls

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

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Draft Table 3-30
Soil Analytical Data
SW-RTA07 and SW-RTA07B
North/South Dock Pipelines
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

					SW-RTA07 - North Dock												
RTA Location ID	**GB-PMC**	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**
Depth Interval					**SW-RTA07-K3**	**SW-RTA07-K4**	**SW-RTA07-L3**	**SW-RTA07-L4**	**SW-RTA07-L4**	**SW-RTA07-M4**	**SW-RTA07-N02**	**SW-RTA07-N02.5**	**SW-RTA07-N02.5**	**SW-RTA07-N3**	**SW-RTA07-N03**	**SW-RTA07-P02**	**SW-RTA07-P03**
Sample Date					**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**0 - 0.5**
Sample ID					**3/11/2013**	**3/11/2013**	**3/11/2013**	**3/11/2013**	**3/11/2013**	**3/11/2013**	**6/10/2013**	**5/2/2013**	**5/2/2013**	**3/11/2013**	**5/2/2013**	**6/10/2013**	**5/2/2013**
SDG					SW-RTA07-K3(0-0.5)-1 SB65875	SW-RTA07-K4(0-0.5)-1 SB65875	SW-RTA07-L3(0-0.5)-1 SB65875	SW-RTA07-L4(0-0.5)-1 SB65875	SW-RTA07-L4(1-1.5)-1 SB65875	SW-RTA07-M4(0-0.5)-1 SB65875	SW-RTA07-N02(0-0.5)-1 SB71226	SW-RTA07-N02.5(0-0.5)-1 SB68887	SW-RTA07-N02.5(1-1.5)-1 SB68887	SW-RTA07-N3(0-0.5)-1 SB65875	SW-RTA07-N03(1-1.5)-1 SB68887	SW-RTA07-P02(0-0.5)-1 SB71226	SW-RTA07-P03(0-0.5)-1 SB68887
PCBs (ug/Kg)																	
Aroclor 1254	NE	NE	NE	NE	**2800**	**28.6**	**2210**	**262**	**58.9**	<29.0	**52**	**2600**	**209**	**5260**	**131**	**87.8**	**8590**
Aroclor 1260	NE	NE	NE	NE	<28.3	<28.6	<29.3	<29.1	<26.2	<29.0	**27.2**	**299**	**143**	<28.7	**38.8**	**48.2**	**758**
Total PCBs	NE	1000	10000	50000	**2800**	**28.6**	**2210**	**262**	**58.9**	<29.0	**79.2**	**2899**	**352**	**5260**	**169.8**	**136**	**9348**
PCBs-SPLP (mg/L)																	
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.000211	NS	NS	NS

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Draft Table 3-30
Soil Analytical Data
SW-RTA07 and SW-RTA07B
North/South Dock Pipelines
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

					SW-RTA07 - North Dock												
RTA Location ID	**GB-PMC**	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**
Depth Interval					**SW-RTA07-P03**	**SW-RTA07-P04**	**SW-RTA07-R03.5**	**SW-RTA07-R3**	**SW-RTA07-T03**	**SW-RTA07-T03**	**SW-RTA07-T03**	**SW-RTA07-V02.5**	**SW-RTA07-V3**	**SW-RTA07-X03**	**SW-RTA07-Z02**	**SW-RTA07-Z03.5**	**SW-RTA07-Z03.5**
Sample Date					**1 - 1.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**1 - 1.5**
Sample ID					**5/2/2013**	**6/10/2013**	**5/2/2013**	**3/11/2013**	**5/2/2013**	**5/2/2013**	**5/2/2013**	**5/2/2013**	**3/11/2013**	**5/2/2013**	**6/10/2013**	**5/2/2013**	**5/2/2013**
SDG					SW-RTA07-P03(1-1.5)-1 SB68887	SW-RTA07-P04(0-0.5)-1 SB71226	SW-RTA07-R03.5(0-0.5)-1 SB68887	SW-RTA07-R3(0-0.5)-1 SB65875	SW-RTA07-T03(0-0.5)-1 SB68887	SW-RTA07-T03(0-0.5)-2 SB68887	SW-RTA07-T03(1-1.5)-1 SB68887	SW-RTA07-V02.5(0-0.5)-1 SB68887	SW-RTA07-V3(0-0.5)-1 SB65875	SW-RTA07-X03(0-0.5)-1 SB68887	SW-RTA07-Z02(0-0.5)-1 SB71226	SW-RTA07-Z03.5(0-0.5)-1 SB68887	SW-RTA07-Z03.5(1-1.5)-1 SB68887
PCBs (ug/Kg)																	
Aroclor 1254	NE	NE	NE	NE	**161**	**44.4**	**400**	**1210**	**878**	**218**	**37.2**	**588**	**1780**	**652**	<22.0	**3830**	**197**
Aroclor 1260	NE	NE	NE	NE	**103**	**35.3**	**107**	<27.0	**168**	**84.8**	**48.5**	**131**	<25.0	**87.6**	<22.0	**469**	**101**
Total PCBs	NE	1000	10000	50000	**264**	**79.7**	**507**	**1210**	**1046**	**302.8**	**85.7**	**719**	**1780**	**739.6**	<22.0	**4299**	**298**
PCBs-SPLP (mg/L)																	
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Draft Table 3-30
Soil Analytical Data
SW-RTA07 and SW-RTA07B
North/South Dock Pipelines
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

					SW-RTA07 - North Dock							
RTA **Location ID** **Depth Interval** **Sample Date** **Sample ID** **SDG**	**GB-PMC**	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**W-SW-RTA07** **SW-RTA07-Z04** **0 - 0.5** **6/10/2013** SW-RTA07-Z04(0-0.5)-1 SB71226	**W-SW-RTA07** **SW-RTA07-Z04** **0 - 0.5** **6/10/2013** SW-RTA07-Z04(0-0.5)-2 SB71226	**W-SW-RTA07** **SW-RTA07-Z3** **0 - 0.5** **3/11/2013** SW-RTA07-Z3(0-0.5)-1 SB65875	**W-SW-RTA07** **SW-SB32** **2 - 4** **4/16/2010** SW-SB32(2-4)041610-1 M90696	**W-SW-RTA07** **SW-SB43** **0 - 2** **5/6/2010** SW-SB43(0-2)050610-1 M91182	**W-SW-RTA07** **SW-SB44** **0 - 2** **5/6/2010** SW-SB44(0-2)050610-1 M91182	**W-SW-RTA07** **SW-SB49** **0 - 1** **6/16/2010** SW-SB49(0-1)061610 M92298	**W-SW-RTA07** **SW-SB50** **0 - 1** **6/16/2010** SW-SB50(0-1)061610 M92298
PCBs (ug/Kg)												
Aroclor 1254	NE	NE	NE	NE	**64.1**	**252**	**2390**	<140 U	**184**	**430**	<130 U	**1910 J+**
Aroclor 1260	NE	NE	NE	NE	**36.6**	**37.1**	<24.1	<140 U	<120 U	<130 U	<130 U	<130 U
Total PCBs	NE	1000	10000	50000	**100.7**	**289.1**	**2390**	<140	**184**	**430**	<130	**1910**
PCBs-SPLP (mg/L)												
Total PCBs	0.005	NE	NE	NE	NS	NS	<0.000211	NS	<0.00025	<0.00025	NS	<0.00025

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SPLP = Synthetic precipitation leaching procedure

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Draft Table 3-30
Soil Analytical Data
SW-RTA07 and SW-RTA07B
North/South Dock Pipelines
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

					SW-RTA07B - South Dock												
RTA Location ID Depth Interval Sample Date Sample ID SDG	**GB-PMC**	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**W-SW-RTA07 SW-RTA07B-AA03 0 - 0.5 5/30/2013** SW-RTA07B-AA03(0-0.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-AA03 1 - 1.5 5/30/2013** SW-RTA07B-AA03(1-1.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-B03 0 - 0.5 5/2/2013** SW-RTA07B-B03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-BB02 0 - 0.5 5/30/2013** SW-RTA07B-BB02(0-0.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-BB02 1 - 1.5 5/30/2013** SW-RTA07B-BB02(1-1.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-BB03 0 - 0.5 5/2/2013** SW-RTA07B-BB03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-BB03 1 - 1.5 5/30/2013** SW-RTA07B-BB03(1-1.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-BB03 2 - 3 5/30/2013** SW-RTA07B-BB03(2-3)-1 SB70708	**W-SW-RTA07 SW-RTA07B-BB04 0 - 0.5 5/30/2013** SW-RTA07B-BB04(0-0.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-BB04 1 - 1.5 5/30/2013** SW-RTA07B-BB04(1-1.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-CC03 0 - 0.5 5/30/2013** SW-RTA07B-CC03(0-0.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-CC03 1 - 1.5 5/30/2013** SW-RTA07B-CC03(1-1.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-D03 0 - 0.5 5/2/2013** SW-RTA07B-D03(0-0.5)-1 SB68887
PCBs (ug/Kg)																	
Aroclor 1254	NE	NE	NE	NE	**192**	**21.5**	**160**	**86.4**	**38.5**	**49000**	**820**	<22.5	**37.1**	**34**	**1400**	<21.5	<23.9
Aroclor 1260	NE	NE	NE	NE	<22.4	<21.5	<23.9	<24.3	<22.0	<1060	<19.8	<22.5	<24.7	<22.0	<26.5	<21.5	<23.9
Total PCBs	NE	1000	10000	50000	**192**	**21.5**	**160**	**86.4**	**38.5**	**49000**	**820**	<22.5	**37.1**	**34**	**1400**	<21.5	<23.9
PCBs-SPLP (mg/L)																	
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

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PCBs - Polychlorinated biphenyls

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-30
Soil Analytical Data
SW-RTA07 and SW-RTA07B
North/South Dock Pipelines
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

					SW-RTA07B - South Dock												
RTA Location ID Depth Interval Sample Date Sample ID SDG	**GB-PMC**	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**W-SW-RTA07 SW-RTA07B-DD03 0 - 0.5 5/2/2013** SW-RTA07B-DD03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-F03 0 - 0.5 5/2/2013** SW-RTA07B-F03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-FF03 0 - 0.5 5/2/2013** SW-RTA07B-FF03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-H03 0 - 0.5 5/2/2013** SW-RTA07B-H03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-HH03 0 - 0.5 5/30/2013** SW-RTA07B-HH03(0-0.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-J03 0 - 0.5 5/2/2013** SW-RTA07B-J03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-L03 0 - 0.5 5/2/2013** SW-RTA07B-L03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-N02 0 - 0.5 5/30/2013** SW-RTA07B-N02(0-0.5)-1 SB70708	**W-SW-RTA07 SW-RTA07B-N03 0 - 0.5 5/2/2013** SW-RTA07B-N03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-N03 0 - 0.5 5/2/2013** SW-RTA07B-N03(0-0.5)-2 SB68887	**W-SW-RTA07 SW-RTA07B-P03 0 - 0.5 5/2/2013** SW-RTA07B-P03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-R03 0 - 0.5 5/2/2013** SW-RTA07B-R03(0-0.5)-1 SB68887	**W-SW-RTA07 SW-RTA07B-R03 1 - 1.5 5/30/2013** SW-RTA07B-R03(1-1.5)-1 SB70708
PCBs (ug/Kg)																	
Aroclor 1254	NE	NE	NE	NE	**66.7**	**343**	**1110**	**225**	**189**	**894**	**106**	**81.6**	**3030**	**226**	**737**	**8120**	**2610**
Aroclor 1260	NE	NE	NE	NE	**31.2**	<25.6	<20.1	<24.6	<29.6	<24.0	**44.6**	<22.4	<24.2	<22.6	<23.0	<206	<21.5
Total PCBs	NE	1000	10000	50000	**97.9**	**343**	**1110**	**225**	**189**	**894**	**150.6**	**81.6**	**3030**	**226**	**737**	**8120**	**2610**
PCBs-SPLP (mg/L)																	
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

RSR - Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria

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PCBs - Polychlorinated biphenyls

TSCA = Toxic Substances Control Act

SPLP = Synthetic precipitation leaching procedure

ug/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

mg/L = Milligrams per liter

NE = No criteria has been established for this analytes

NS = Not sampled for this analyte.

Draft Table 3-30
Soil Analytical Data
SW-RTA07 and SW-RTA07B
North/South Dock Pipelines
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

					SW-RTA07B - South Dock										
RTA Location ID	**GB-PMC**	**RES DEC**	**I/C DEC**	**TSCA PCB Waste Criterion**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**	**W-SW-RTA07**
Depth Interval					**SW-RTA07B-R03**	**SW-RTA07B-R04**	**SW-RTA07B-S02**	**SW-RTA07B-T03**	**SW-RTA07B-V03**	**SW-RTA07B-X02**	**SW-RTA07B-X03**	**SW-RTA07B-X03**	**SW-RTA07B-X04**	**SW-RTA07B-X04**	**SW-RTA07B-Z03**
Sample Date					**3 - 3.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**1 - 1.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Sample ID					**6/11/2013**	**5/30/2013**	**5/30/2013**	**5/2/2013**	**5/2/2013**	**5/30/2013**	**5/2/2013**	**5/30/2013**	**5/30/2013**	**5/30/2013**	**5/2/2013**
SDG					SW-RTA07B-R03(3-3.5)-1 SB71350	SW-RTA07B-R04(0-0.5)-1 SB70708	SW-RTA07B-S02(0-0.5)-1 SB70708	SW-RTA07B-T03(0-0.5)-1 SB68887	SW-RTA07B-V03(0-0.5)-1 SB68887	SW-RTA07B-X02(0-0.5)-1 SB70708	SW-RTA07B-X03(0-0.5)-1 SB68887	SW-RTA07B-X03(1-1.5)-1 SB70708	SW-RTA07B-X04(0-0.5)-1 SB70708	SW-RTA07B-X04(0-0.5)-2 SB70708	SW-RTA07B-Z03(0-0.5)-1 SB68887
PCBs (ug/Kg)															
Aroclor 1254	NE	NE	NE	NE	**49.4**	<21.9	**123**	**2740**	**208**	**179**	**7540**	<23.4	**44.3**	**57.9**	**178**
Aroclor 1260	NE	NE	NE	NE	<22.4	<21.9	<24.4	<20.5	<19.7	<24.9	<212	<23.4	<23.9	<21.5	<19.0
Total PCBs	NE	1000	10000	50000	**49.4**	<21.9	**123**	**2740**	**208**	**179**	**7540**	<23.4	**44.3**	**57.9**	**178**
PCBs-SPLP (mg/L)															
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Draft Table 3-31
Soil Analytical Data
WW-RTA06
Main River Pump House
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06	W-WW-RTA06
Location ID					**MRPH-C06**	**WW-RTA06-D06**	**WW-RTA06-D06**	**WW-RTA06-D06**	**WW-RTA06-D07**	**WW-RTA06-D07**	**WW-RTA06-D07**	**NW-SB470**	**NW-SB470**	**NW-SB554**	**NW-SB554**
Depth Interval					**0 - 0.25**	**0-0.5**	**0-0.5**	**1.5-2**	**0-0.5**	**1.5-2**	**3-4**	**0 - 2**	**10 - 12**	**0-2**	**2-4**
Sample Date					**2/7/2013**	**3/27/2013**	**3/27/2013**	**3/27/2013**	**3/27/2013**	**3/27/2013**	**3/27/2013**	**9/23/2008**	**9/23/2008**	**10/9/2008**	**10/9/2008**
Sample ID					MRPH-C06(0-0.25)-1	WW-RTA06-D06(0-0.5)-1	WW-RTA06-D06(0-0.5)-2	WW-RTA06-D06(1.5-2)-1	WW-RTA06-D07(0-0.5)-1	WW-RTA06-D07(1.5-2)-1	WW-RTA06-D07(3-4)-1	NW-SB-470(0-2)9/23/2008-08:30	NW-SB-470(10-12)9/23/2008-09:20	NW-SB-554(0-2)10/9/2008-10:25	NW-SB-554(2-4)10/9/2008-10:30
SDG					**SB64313**	**SB66876**	**SB66876**	**SB66876**	**SB66876**	**SB66876**	**SB66876**	**M77314**	**M77314**		
CT-ETPH (mg/Kg)															
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS	NS	NS	NS	NS	**93**	**65.6**	**254**	**41.5**
PCBs (ug/Kg)															
Aroclor 1248	NE	NE	NE	NE	<27.2	**117**	**140**	<27.2	<28.1	<21.6	<23.6	<110 U	<110 U	<110 U	<110 U
Aroclor 1254	NE	NE	NE	NE	**318**	**140**	**156**	**453**	**349**	**128**	996	**113**	<110 U	**387**	<110 U
Aroclor 1260	NE	NE	NE	NE	**95.1**	**58**	**48.7**	**197**	**56.3**	**53.9**	472	<110 U	<110 U	**341**	<110 U
Total Aroclors	100	1000	10000	50000	**413.1**	**315**	**344.7**	**650**	**405.3**	**181.9**	**1468**	**113**	<110	**728**	ND
PCBs-SPLP (mg/L)															
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	<0.000211	NS	NS	<0.000222	NS	NS	NS	NS

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PAHs - Polycyclic aromatic hydrocarbons
TSCA = Toxic Substances Control Act
SPLP = Synthetic precipitation leaching procedure
ug/Kg = Micrograms per kilogram
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NE = No criteria has been established for this analytes
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Draft Table 3-31
Soil Analytical Data
WW-RTA06
Main River Pump House
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA06 NW-SB555 2 - 4 10/9/2008 NW-SB-555(2-4)10/9/2008-11:00 M77807	W-WW-RTA06 NW-SB556 0-2 10/9/2008 NW-SB-556(0-2)10/9/2008-11:19	W-WW-RTA06 NW-SB556 0-2 10/9/2008 NW-SB-556(0-2)10/9/2008-11:21	W-WW-RTA06 NW-SB556 2-4 10/9/2008 NW-SB-556(2-4)10/9/2008-11:25	W-WW-RTA06 NW-SB574 0-2 10/27/2008 NW-SB-574(0-2)10/27/2008-14:10	W-WW-RTA06 NW-SB574 2-4 10/27/2008 NW-SB-574(2-4)10/27/2008-14:14	W-WW-RTA06 NW-SB574 4-6 10/27/2008 NW-SB-574(4-6)10/27/2008-14:17	W-WW-RTA06 NW-SB575 0-2 10/27/2008 NW-SB-575(0-2)10/27/2008-14:38	W-WW-RTA06 NW-SB575 2-4 10/27/2008 NW-SB-575(2-4)10/27/2008-14:40
CT-ETPH (mg/Kg)													
CT-ETPH (C9-C36)	2500	500	2500	NE	**64.1**	**216**	**288**	**33.9**	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1248	NE	NE	NE	NE	<100 U	<110 U	**316**	**1010**	<100 U	<110 U	<110 U	<120 U	<110 U
Aroclor 1254	NE	NE	NE	NE	**104**	**272**	**626**	**379**	<100 U	<110 U	<110 U	**184**	**254**
Aroclor 1260	NE	NE	NE	NE	**155**	<110 U	**171**	**139**	<100 U	**131**	<110 U	**136**	<110 U
Total Aroclors	100	1000	10000	50000	**259**	**272**	**1113**	**1528**	ND	**131**	ND	**320**	**254**
PCBs-SPLP (mg/L)													
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Draft Table 3-31
Soil Analytical Data
WW-RTA06
Main River Pump House
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA06 NW-SB575 4-6 10/27/2008 NW-SB-575(4-6)10/27/2008-14:44	W-WW-RTA06 WW-Z1127 0-2 3/11/2010 WW-Z1127 0-2FT-031110	W-WW-RTA06 WW-Z1127 2-3 3/11/2010 WW-Z1127 2-3FT-031110
CT-ETPH (mg/Kg)							
CT-ETPH (C9-C36)	2500	500	2500	NE	NS	NS	NS
PCBs (ug/Kg)							
Aroclor 1248	NE	NE	NE	NE	<110 U	NS	NS
Aroclor 1254	NE	NE	NE	NE	<110 U	<300	<300
Aroclor 1260	NE	NE	NE	NE	<110 U	<300	<300
Total Aroclors	100	1000	10000	50000	ND	ND	ND
PCBs-SPLP (mg/L)							
Total PCBs	0.005	NE	NE	NE	NS	NS	NS

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ug/Kg = Micrograms per kilogram
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mg/L = Milligrams per liter
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Draft Table 3-32
Soil Analytical Data
WW-RTA07
Surficial PCB Impacts - West Study Area
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA07A MRPH-C08 0 - 0.25 2/7/2013 MRPH-C08(0-0.25)-1 SB64313	W-WW-RTA07A MRPH-D09 0 - 0.25 2/7/2013 MRPH-D09(0-0.25)-1 SB64313	W-WW-RTA07A MRPH-C09 0 - 0.5 3/12/2013 MRPH-C09(0-0.5)-1 SB65874	W-WW-RTA07A MRPH-C07.5 0 - 0.25 5/31/2013 MRPH-C07.5(0-0.25)-1 SB70624	W-WW-RTA07A MRPH-CD08 0 - 0.25 5/31/2013 MRPH-CD08(0-0.25)-1 SB70624	W-WW-RTA07A CW-MRPH2-AA00 0 - 0.25 6/24/2013 CW-MRPH2-AA00 SB72105	W-WW-RTA07A CW-MRPH2-AAN01 0 - 0.25 6/24/2013 CW-MRPH2-AAN01 SB72105	W-WW-RTA07A CW-MRPH2-AAS01 0 - 0.25 6/24/2013 CW-MRPH2-AAS01 SB72105	W-WW-RTA07A CW-MRPH2-EB00 0 - 0.25 6/24/2013 CW-MRPH2-EB00 SB72105
Metals (mg/Kg)													
Arsenic	NE	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1248	NE	NE	NE	NE	<31.2	<25.7	<25.0	<27.9	<24.7	<22.9	<23.8	<25.5	<23.4
Aroclor 1254	NE	NE	NE	NE	**2570**	**45**	**169**	**604**	**379**	**230**	**144**	**657**	**67.9**
Aroclor 1260	NE	NE	NE	NE	**1660**	<25.7	**367**	**123**	**413**	**76.7**	**44.1**	**231**	**24.6**
Total PCBs	1E+08	1000	10000	50000	**4230**	**45**	**536**	**727**	**792**	**306.7**	**188.1**	**888**	**92.5**
PCBs-SPLP (mg/L)													
Total PCBs	0.005	NE	NE	NE	NS	NS	<0.000222	NS	NS	NS	NS	NS	NS

Notes:

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Samples grayed out were subsequently excavated

Orange highlighted cells exceed the GB PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

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Draft Table 3-32
Soil Analytical Data
WW-RTA07
Surficial PCB Impacts - West Study Area
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA07A CW-MRPH2-WB00 0 - 0.25 6/24/2013 CW-MRPH2-WB00 SB72105	W-WW-RTA07A CW-MRPH3-SS01 0 - 0.25 7/24/2013 CW-MRPH3-SS01(0-0.25)-1 SB73797	W-WW-RTA07A CW-MRPH3-SS02 0 - 0.25 7/24/2013 CW-MRPH3-SS02(0-0.25)-1 SB73797	W-WW-RTA07A CW-MRPH3-SS03 0 - 0.25 7/24/2013 CW-MRPH3-SS03(0-0.25)-1 SB73797	W-WW-RTA07A CW-MRPH-SS04 0 - 0.25 8/8/2013 CW-MRPH-SS04 SB74628	W-WW-RTA07A CW-MRPH-SS05 0 - 0.25 8/8/2013 CW-MRPH-SS05 SB74628	W-WW-RTA07A CW-MRPH-SS06 0 - 0.25 8/8/2013 CW-MRPH-SS06 SB74628	W-WW-RTA07B MRPH-D03 0 - 0.25 2/7/2013 MRPH-D03(0-0.25)-1 SB64313	W-WW-RTA07B MRPH-E04 0 - 0.25 2/7/2013 MRPH-E04(0-0.25)-1 SB64313
Metals (mg/Kg)													
Arsenic	NE	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1248	NE	NE	NE	NE	<288	<26.5	<25.5	<26.9	<24.8	<25.4	<24.7	<26.3	<23.7
Aroclor 1254	NE	NE	NE	NE	**7920**	**301**	**2620**	**532**	<24.8	<25.4	<124	**85.4**	**58.2**
Aroclor 1260	NE	NE	NE	NE	<288	<26.5	<25.5	<26.9	**190**	**95.3**	**42**	**28.9**	<23.7
Total PCBs	1E+08	1000	10000	50000	**7920**	**301**	**2620**	**532**	**190**	**95.3**	**42**	**114.3**	**58.2**
PCBs-SPLP (mg/L)													
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Draft Table 3-32
Soil Analytical Data
WW-RTA07
Surficial PCB Impacts - West Study Area
Andrew Willgoos Turbine Laboratory
East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA07B MRPH-D05 0 - 0.25 2/7/2013 MRPH-D05(0-0.25)-1 SB64313	W-WW-RTA07B MRPH-E06 0 - 0.25 2/7/2013 MRPH-E06(0-0.25)-1 SB64313	W-WW-RTA07B MRPH-D07 0 - 0.25 2/7/2013 MRPH-D07(0-0.25)-1 SB64313	W-WW-RTA07B MRPH-E08 0 - 0.25 2/7/2013 MRPH-E08(0-0.25)-1 SB64313	W-WW-RTA07B WW-RTA06-D06 0 - 0.5 3/27/2013 WW-RTA06-D06(0-0.5)-1 SB66876	W-WW-RTA07B WW-RTA06-D06 0 - 0.5 3/27/2013 WW-RTA06-D06(0-0.5)-2 SB66876	W-WW-RTA07B WW-RTA06-D06 1.5 - 2 3/27/2013 WW-RTA06-D06(1.5-2)-1 SB66876	W-WW-RTA07B CW-SS-MRPH-F07 0 - 0.25 4/30/2013 CW-SS-MRPH-F07(0-0.25)-1 SB68688	W-WW-RTA07B CW-SS-MRPH-F05 0 - 0.25 4/30/2013 CW-SS-MRPH-F05(0-0.25)-1 SB68688
Metals (mg/Kg)													
Arsenic	NE	10	10	NE	NS	NS	NS	NS	NS	NS	NS	**3.27**	NS
PCBs (ug/Kg)													
Aroclor 1248	NE	NE	NE	NE	<25.2	<28.3	<24.1	<27.3	**117**	**140**	<27.2	<23.7	<21.5
Aroclor 1254	NE	NE	NE	NE	**107**	**747**	**73.4**	**476**	**140**	**156**	**453**	**68.8**	**740**
Aroclor 1260	NE	NE	NE	NE	**54.2**	**361**	**45.7**	**62.9**	**58**	**48.7**	**197**	**41.5**	**114**
Total PCBs	1E+08	1000	10000	50000	**161.2**	**1108**	**119.1**	**538.9**	**315**	**344.7**	**650**	**110.3**	**854**
PCBs-SPLP (mg/L)													
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	<0.000211	NS	NS

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Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed TSCA PCB Waste Criterion.

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GB PMC = Pollutant Mobility Criteria

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PCBs - Polychlorinated biphenyls

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East Hartford Connecticut

RTA Location ID Depth Interval Sample Date Sample ID SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA07B MRPH-E5.5 0 - 0.25 5/15/2013 MRPH-E5.5(0-0.25)-1 SB69656	W-WW-RTA07B MRPH-E6.5 0 - 0.25 5/15/2013 MRPH-E6.5(0-0.25)-1 SB69656	W-WW-RTA07B MRPH-EF6 0 - 0.25 5/15/2013 MRPH-EF6(0-0.25)-1 SB69656	W-WW-RTA07B MRPH-DE6 0 - 0.25 5/15/2013 MRPH-DE6(0-0.25)-1 SB69656	W-WW-RTA07B MRPH-E07 0 - 0.25 5/31/2013 MRPH-E07(0-0.25)-1 SB70624	W-WW-RTA07B MRPH-E05 0 - 0.25 5/31/2013 MRPH-E05(0-0.25)-1 SB70624	W-WW-RTA07B MRPH-D06 0 - 0.25 5/31/2013 MRPH-D06(0-0.25)-1 SB70624	W-WW-RTA07B MRPH-DE06.75 0 - 0.25 6/5/2013 MRPH-DE06.75(0-0.25)-1 SB70901	W-WW-RTA07B MRPH-E07.5 0 - 0.25 6/5/2013 MRPH-E07.5(0-0.25)-1 SB70901
Metals (mg/Kg)													
Arsenic	NE	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1248	NE	NE	NE	NE	<22.0	<20.9	<20.7	<20.9	<22.4	<23.9	<22.1	<22.5	<25.4
Aroclor 1254	NE	NE	NE	NE	**1350**	**801**	**125**	**537**	**2510**	**409**	**510**	**423**	**137**
Aroclor 1260	NE	NE	NE	NE	**477**	**779**	**101**	**690**	**354**	**109**	**418**	**563**	**91.4**
Total PCBs	1E+08	1000	10000	50000	**1827**	**1580**	**226**	**1227**	**2864**	**518**	**928**	**986**	**228.4**
PCBs-SPLP (mg/L)													
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

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East Hartford Connecticut

RTA Location ID / Depth Interval / Sample Date / Sample ID / SDG	GB PMC	RES DEC	I/C DEC	TSCA PCB Waste Criterion	W-WW-RTA07B MRPH-EF06.75 0 - 0.25 6/5/2013 MRPH-EF06.75(0-0.25)-1 SB70901	W-WW-RTA07B CW-MRPH-AA00 0 - 0.25 6/20/2013 CW-MRPH AA00(0-0.25)-1 SB71845	W-WW-RTA07B CW-MRPH-EB00 0 - 0.25 6/20/2013 CW-MRPH-EB00(0-0.25)-1 SB71845	W-WW-RTA07B CW-MRPH-WBN01 0 - 0.25 6/20/2013 CW-MRPH-WBN01(0-0.25)-1 SB71845	W-WW-RTA07B CW-MRPH-WB00 0 - 0.25 6/20/2013 CW-MRPH-WB00(0-0.25)-1 SB71845	W-WW-RTA07B CW-MRPH-AAN01 0 - 0.25 6/20/2013 CW-MRPH-AAN01(0-0.25)-1 SB71845	W-WW-RTA07B CW-MRPH-EBN01 0 - 0.25 6/20/2013 CW-MRPH-EBN01(0-0.25)-1 SB71845	W-WW-RTA07B CW-MRPH-EBN02 0 - 0.25 6/20/2013 CW-MRPH-EBN02(0-0.25)-1 SB71845	W-WW-RTA07B CW-MRPH-AAN02 0 - 0.25 6/20/2013 CW-MRPH-AAN02(0-0.25)-1 SB71845
Metals (mg/Kg)													
Arsenic	NE	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1248	NE	NE	NE	NE	<23.1	<21.4	<21.5	<22.6	<21.7	<21.2	<21.7	<21.7	<24.2
Aroclor 1254	NE	NE	NE	NE	**1170**	**117**	**465**	**143**	**234**	**436**	**301**	**424**	<24.2
Aroclor 1260	NE	NE	NE	NE	**342**	**46**	**126**	**67.9**	**71.5**	**108**	**239**	**128**	<24.2
Total PCBs	1E+08	1000	10000	50000	**1512**	**163**	**591**	**210.9**	**305.5**	**544**	**540**	**552**	<24.2
PCBs-SPLP (mg/L)													
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Metals (mg/Kg)													
Arsenic	NE	10	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg)													
Aroclor 1248	NE	NE	NE	NE	<23.2	<22.6	<22.1	<21.2	<22.8	<22.0	<21.7	<29.5	**5330**
Aroclor 1254	NE	NE	NE	NE	**192**	**92.5**	**277**	**148**	**44.5**	**160**	**590**	**95.9**	**8820**
Aroclor 1260	NE	NE	NE	NE	**66.1**	**39.5**	**69.7**	**37.2**	**35.4**	**494**	**830**	<29.5	**8360**
Total PCBs	1E+08	1000	10000	50000	**258.1**	**132**	**346.7**	**185.2**	**79.9**	**654**	**1420**	**95.9**	**22510**
PCBs-SPLP (mg/L)													
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS	<0.000250	NS	NS	NS

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Metals (mg/Kg)									
Arsenic	NE	10	10	NE	NS	NS	NS	NS	NS
PCBs (ug/Kg)									
Aroclor 1248	NE	NE	NE	NE	<23.3	<20.2	<21.7	<26.8	<21.8
Aroclor 1254	NE	NE	NE	NE	**459**	**1480**	**477**	**369**	<21.8
Aroclor 1260	NE	NE	NE	NE	**92.2**	**559**	**516**	**265**	<21.8
Total PCBs	1E+08	1000	10000	50000	**551.2**	**2039**	**993**	**634**	<21.8
PCBs-SPLP (mg/L)									
Total PCBs	0.005	NE	NE	NE	NS	NS	NS	NS	NS

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