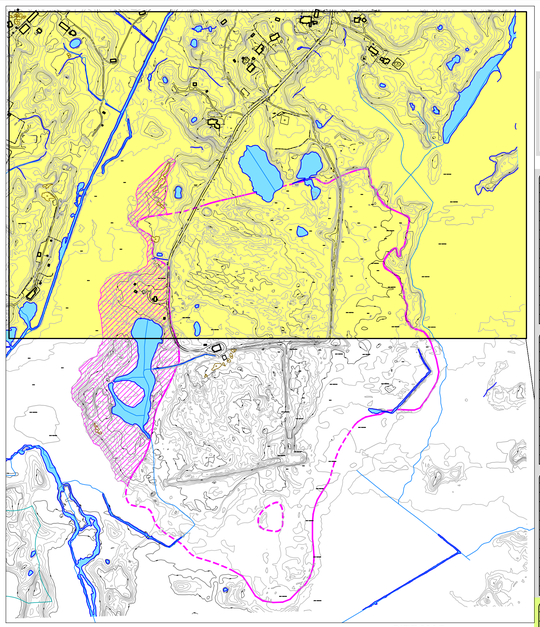
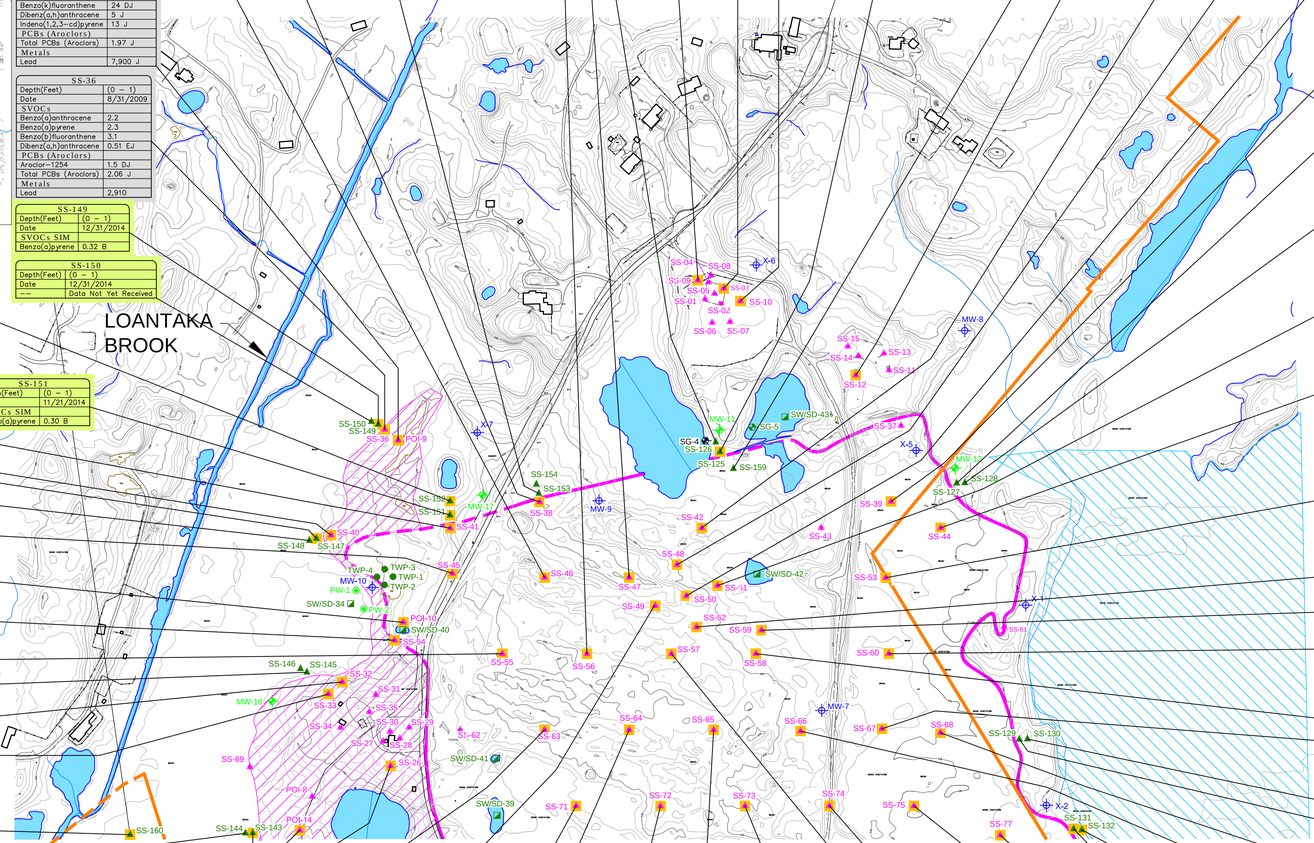


SITE MAP

0 500' 1000'
GRAPHIC SCALE



SS-38		
Depth(Feet)	(0 – 1)	(9 – 10)
Date	9/1/2009	9/1/2009
SVOCs		
Benzo(a)anthracene	5.4 D	0.0036 U
Benzo(a)pyrene	6.2 D	0.0061 UB
Benzo(b)fluoranthene	6.9 D	0.0036 U
Dibenz(a,h)anthracene	0.71	0.0036 U

SS-46		
Depth(Feet)	(0 – 1)	(6 – 7)
Date	9/1/2009	9/1/2009
SVOCs		
Benzo(a)pyrene	0.54 J	0.25 EJ
PCBs (Aroclors)		
Aroclor–1242	16 DJ	0.054 U
Aroclor–1254	12 DJ	1.2 D
Aroclor–1260	1.2 J	0.14
Aroclor–1268	2.8 J	0.067
Total PCBs (Aroclors)	32 J	2.03
PCBs (Congeners)		
Total PCBs (Congeners)	95 J	NA
Metals		
Arsenic	7 J	24.5 J
Lead	665	1,460

POI-9	
Depth(Feet)	(0 – 1)
Date	8/27/2009
SVOCs	
Benzo(a)anthracene	30 DJ
Benzo(a)pyrene	33 DJ
Benzo(b)fluoranthene	42 DJ
Benzo(k)fluoranthene	24 DJ
Dibenz(a,h)anthracene	5 J
Indeno(1,2,3–cd)pyrene	13 J
PCBs (Aroclors)	
Total PCBs (Aroclors)	1.97 J
Metals	
Lead	7,900 J

SS-36	
Depth(Feet)	(0 – 1)
Date	8/31/2009
SVOCs	
Benzo(a)anthracene	2.2
Benzo(a)pyrene	2.3
Benzo(b)fluoranthene	3.1
Dibenz(a,h)anthracene	0.51 EJ
PCBs (Aroclors)	
Aroclor–1254	1.5 DJ
Total PCBs (Aroclors)	2.06 J
Metals	
Lead	2,910

SS-149	
Depth(Feet)	(0 – 1)
Date	12/31/2014
SVOCs SIM	
Benzo(a)pyrene	0.32 B

SS-150	
Depth(Feet)	(0 – 1)
Date	12/31/2014
--	Data Not Yet Received

SS-152	
Depth(Feet)	(0 – 1)
Date	11/21/2014
SVOCs SIM	
Benzo(a)anthracene	0.69 B
Benzo(a)pyrene	0.79
Benzo(b)fluoranthene	0.87 B
Indeno(1,2,3–cd)pyrene	0.67 B
Metals	
--	Data Not Yet Received

SS-40	
Depth(Feet)	(0 – 1)
Date	8/31/2009
SVOCs	
Benzo(a)pyrene	0.25 J
PCBs (Aroclors)	
Aroclor–1254	1.3 D
Total PCBs (Aroclors)	1.56
Pesticides	
alpha–Chlordane	2.5 D
gamma–Chlordane	2.3 D
Metals	
Lead	825

SS-41	
Depth(Feet)	(0 – 1)
Date	8/27/2009
SVOCs	
Benzo(a)pyrene	0.26

SS-151	
Depth(Feet)	(0 – 1)
Date	11/21/2014
SVOCs SIM	
Benzo(a)pyrene	0.30 B

SS-147	
Depth(Feet)	(0 – 1)
Date	12/30/2014
SVOCs SIM	
Benzo(a)pyrene	0.80 B
Benzo(b)fluoranthene	0.93

SS-148	
Depth(Feet)	(0 – 1)
Date	12/30/2014
--	Data Not Yet Received

SS-45		
Depth(Feet)	(0 – 1)	(9 – 10)
Date	8/31/2009	8/31/2009
SVOCs		
Benzo(a)pyrene	0.77	0.006

POI-10	
Depth(Feet)	(0 – 1)
Date	8/26/2009
PCBs (Aroclors)	
Aroclor–1254	3.6 JN
Aroclor–1260	88 D
Total PCBs (Aroclors)	91.6 J
PCBs (Congeners)	
Total PCBs (Congeners)	2.05 J
Metals	
Copper	49,900 J
Lead	1,510 J

SS-55		
Depth(Feet)	(0 – 1)	(2 – 3)
Date	9/1/2009	9/1/2009
SVOCs		
Benzo(a)pyrene	0.3 J	0.17 J
PCBs (Aroclors)		
Aroclor–1248	1.5 DJ	0.049 U
Aroclor–1254	1.4 D	0.73
Total PCBs (Aroclors)	3.54 J	1.81
Metals		
Antimony	1,960 J	2.8 J
Arsenic	529 J	8.4 J
Lead	16,500	934

SS-54		
Depth(Feet)	(0 – 1)	
Date	8/31/2009	
SVOCs		
Benzo(a)pyrene	0.22	[0.24]

SS-145	
Depth(Feet)	(0 – 1)
Date	12/30/2014
--	No Exceedances

SS-32	
Depth(Feet)	(0 – 1)
Date	11/6/2007
SVOCs	
Benzo(a)pyrene	1 J

SS-33	
Depth(Feet)	(0 – 1)
Date	11/6/2007
SVOCs	
Benzo(a)pyrene	0.39

SS-160	
Depth(Feet)	(0 – 1)
Date	12/18/2014
SVOCs SIM	
Benzo(a)pyrene	0.52
Benzo(b)fluoranthene	0.64 B
Metals	
Lead	1250*
Vanadium	87

SS-144	
Depth(Feet)	(0 – 1)
Date	12/30/2014
--	Data Not Yet Received

SS-143	
Depth(Feet)	(0 – 1)
Date	12/30/2014
SVOCs SIM	
Benzo(a)pyrene	0.28 B

POI-14	
Depth(Feet)	(0 – 1)
Date	8/24/2009
Metals	
Arsenic	31.7 J
Lead	9,210 J

SS-26	
Depth(Feet)	(0 – 1)
Date	11/5/2007
SVOCs	
Benzo(a)pyrene	0.23 J

SS-63		
Depth(Feet)	(0 – 1)	(3.5 – 4.5)
Date	8/26/2009	8/26/2009
SVOCs		
Benzo(a)pyrene	0.26	0.19 EJ
PCBs (Aroclors)		
Aroclor–1242	0.24 U	2.8 D
Aroclor–1248	7.7 DJ	0.074 U
Aroclor–1254	5.3 DJ	4 D
Total PCBs (Aroclors)	13.9 J	7.44
PCBs (Congeners)		
Total PCBs (Congeners)	44.1 J	NA
Metals		
Arsenic	19.3 J	24.3 J
Lead	2,020 J	2,520 J

SS-49		
Depth(Feet)	(0 – 1)	
Date	8/31/2009	
SVOCs		
Benzo(a)pyrene	1.7	
Benzo(b)fluoranthene	2.4	
Dibenz(a,h)anthracene	0.25 EJ	
PCBs (Aroclors)		
Aroclor–1248	1.6 D	
Aroclor–1254	2.7 D	
Aroclor–1260	1.3 D	
Total PCBs (Aroclors)	5.6	
Metals		
Arsenic	21.1	
Lead	1,010	

SS-71	
Depth(Feet)	(0 – 1)
Date	8/26/2009
PCBs (Aroclors)	
Total PCBs (Aroclors)	1.1 J
Metals	
Lead	1,070 J
Vanadium	6,140

SS-64		
Depth(Feet)	(0 – 1)	(5 – 6)
Date	8/27/2009	8/27/2009
SVOCs		
Dibenz(a,h)anthracene	0.21 EJ	0.49 EJ [0.36 EJ]
PCBs (Aroclors)		
Aroclor–1242	0.061 U	0.061 U [2.6 D]
Aroclor–1248	2.1 D	3.2 DJ [0.11 U]
Aroclor–1254	1.5 D	2.3 DJ [4.9 D]
Total PCBs (Aroclors)	3.99	6.32 J [8.24]
Metals		
Lead	1,930 J	1,020 J [1,130 J]

SS-72		
Depth(Feet)	(0 – 1)	(9 – 10)
Date	8/25/2009	8/25/2009
PCBs (Aroclors)		
Aroclor–1242	0.11 U	1.8
Aroclor–1248	2.5 D	0.11 U
Aroclor–1254	3.3 D	3.9 D
Total PCBs (Aroclors)	7.07 J	6.09
PCBs (Congeners)		
Total PCBs (Congeners)	8.65 J	NA
Metals		
Arsenic	26 J	12.6 J
Lead	1,750 J	950 J

SS-73		
Depth(Feet)	(0 – 1)	(6 – 7)
Date	8/25/2009	8/25/2009
SVOCs		
Benzo(a)pyrene	0.12 EJ	0.24 J
PCBs (Aroclors)		
Aroclor–1242	0.11 U	1.7
Aroclor–1248	1.3	0.19 U
Aroclor–1254	2.5 D	1.3 J
Total PCBs (Aroclors)	4.49	3.16 J
Metals		
Lead	1,880 J	3,020 J

SS-65		
Depth(Feet)	(0 – 1)	(5 – 6)
Date	8/27/2009	8/27/2009
SVOCs		
Acetophenone	18 D	0.05 J
Benzo(a)anthracene	66 D	0.86
Benzo(a)pyrene	51 D	0.88
Benzo(b)fluoranthene	49 D	1.2
Benzo(k)fluoranthene	51 D	1.3
Dibenz(a,h)anthracene	4.8 J	0.44 EJ
Indeno(1,2,3–cd)pyrene	12 J	0.15 J
PCBs (Aroclors)		
Aroclor–1242	0.065 U	4.2 DJ
Aroclor–1248	1.8 D	0.15 U
Aroclor–1254	1.5 DJ	3 D
Total PCBs (Aroclors)	3.68 J	7.73 J
Metals		
Lead	1,560 J	3,380 J

SS-74		
Depth(Feet)	(0 – 1)	(6 – 7)
Date	8/24/2009	8/24/2009
SVOCs		
Benzo(a)anthracene	1	2.2
Benzo(a)pyrene	1.1	2.7
Benzo(b)fluoranthene	1.2	3.8 D
Dibenz(a,h)anthracene	0.3 EJ	0.76 EJ
PCBs (Aroclors)		
Aroclor–1254	0.039 U	1.3 D
Total PCBs (Aroclors)	0.211 J	2.17

SS-57		
Depth(Feet)	(0 – 1)	(4 – 5)
Date	8/27/2009	8/27/2009
SVOCs		
Benzo(a)pyrene	2.3	0.38 J
Benzo(b)fluoranthene	3.6	0.58 J
Dibenz(a,h)anthracene	0.17 J	0.69 EJ
PCBs (Aroclors)		
Aroclor–1248	2.8 D	4.2 D
Aroclor–1254	2.7 DJN	4.6 D
Aroclor–1260	7 D	3.3 D
Total PCBs (Aroclors)	12.5 J	12.1
Pesticides		
Heptachlor epoxide	RX	0.33 DJN
Metals		
Lead	795 J	1,060 J

SS-75		
Depth(Feet)	(0 – 1)	
Date	9/15/2009	
PCBs (Aroclors)		
Aroclor–1248	1.3	
Aroclor–1254	2.3	
Total PCBs (Aroclors)	4.17	
Metals		
Arsenic	32.3	
Lead	1,360	

SS-77		
Depth(Feet)	(0 – 1)	
Date	9/17/2009	
PCBs (Aroclors)		
Aroclor–1248	1.7	
Total PCBs (Aroclors)	2.16 J	

SS-131		
Depth(Feet)	(0 – 1)	
Date	12/16/2014	
PCBs (Aroclors)		
Aroclor–1242	0.41	
Aroclor–1254	0.24 J	
Total PCBs (Aroclors)	0.72 J	

SS-132		
Depth(Feet)	(0 – 1)	
Date	12/16/2014	
SVOCs SIM		
Benzo(a)pyrene	0.3	
PCBs (Aroclors)		
Aroclor–1242	0.39	
Aroclor–1254	0.30 P	
Total PCBs (Aroclors)	0.79 J P	

SS-66		
Depth(Feet)	(0 – 1)	
Date	8/28/2009	
SVOCs		
Benzo(a)pyrene	0.28	
PCBs (Aroclors)		
Aroclor–1248	15	
Aroclor–1254	55 D	
Aroclor–1260	8.1	
Total PCBs (Aroclors)	78.1	
PCBs (Congeners)		
Total PCBs (Congeners)	9.66 J	
Metals		
Arsenic	21.9	
Lead	2,100	

SS-68		
Depth(Feet)	(0 – 1)	
Date	9/2/2009	
SVOCs		
Benzo(a)pyrene	0.32 [0.18 EJ]	
PCBs (Aroclors)		
Aroclor–1248	1.2 DJ [1.3 DJ]	
Aroclor–1254	3.2 D [2.6 D]	
Total PCBs (Aroclors)	4.99 J [4.41 J]	
PCBs (Congeners)		
Total PCBs (Congeners)	4.91 J [9.46 J]	
Metals		
Lead	1,320 [1,150]	

SS-09		
Depth(Feet)	(0 – 1)	
Date	9/20/2007	
SVOCs		
Benzo(a)pyrene	1	

SS-03		
Depth(Feet)	(0 – 1)	
Date	9/19/2007	
SVOCs		
Benzo(a)pyrene	0.92	

SS-126	
Depth(Feet)	(0 – 1)
Date	11/20/2014
--	No Exceedances
Metals	
--	Data Not Yet Received

SS-10		
Depth(Feet)	(0 – 1)	
Date	9/20/2007	
SVOCs		
Benzo(a)pyrene	0.74 D	

SS-56		
Depth(Feet)	(0 – 1)	(2 – 3)
Date	8/26/2009	8/26/2009
PCBs (Aroclors)		
Aroclor–1242	3 D	4.1 D
Aroclor–1254	7.2 D	4 D
Aroclor–1260	1.2	0.97
Total PCBs (Aroclors)	11.4	9.07
Pesticides		
Dieldrin	0.3 D	0.041 J
Metals		
Arsenic	14.6 J	20.6 J
Lead	2,060 J	1,120 J

SS-153	
Depth(Feet)	(0 – 1)
Date	11/21/2014
--	No Exceedances

SS-125	
Depth(Feet)	(0 – 1)
Date	11/20/2014
PCBs (Aroclors)	
Aroclor–1260	0.26
Total PCBs (Aroclors)	0.26

SS-159	
Depth(Feet)	(0 – 1)
Date	12/18/2014
--	No Exceedances
PCBs (Congeners)	
--	Data Not Yet Received

SS-12		
Depth(Feet)	(0 – 1)	
Date	9/20/2007	
SVOCs		
Benzo(a)pyrene	0.77 D	

SS-42		
Depth(Feet)	(0 – 1)	
Date	8/28/2009	
PCBs (Aroclors)		
Aroclor–1254	1.3 D	
Total PCBs (Aroclors)	1.84	

SS-48	
Depth(Feet)	(0 – 1)
Date	8/28/2009
SVOCs	
Benzo(a)pyrene	0.27 EJ
PCBs (Aroclors)	
Aroclor–1248	1.4 D
Aroclor–1254	2.4 D
Total PCBs (Aroclors)	4.4
Metals	
Lead	1,300

SS-50	
Depth(Feet)	(0 – 1)
Date	8/28/2009
PCBs (Aroclors)	
Aroclor–1254	2.3 D
Aroclor–1260	1.1
Total PCBs (Aroclors)	3.4
Metals	
Arsenic	19.1 J

SS-39	
Depth(Feet)	(0 – 1)
Date	9/16/2009
SVOCs	
Benzo(a)pyrene	0.41
PCBs (Aroclors)	
Aroclor–1242	6.1
Aroclor–1254	6.2
Total PCBs (Aroclors)	12.3
PCBs (Congeners)	
Total PCBs (Congeners)	100 J
Metals	
Lead	1,050

SS-127	
Depth(Feet)	(0 – 1)
Date	11/21/2014
--	No Exceedances

SS-128	
Depth(Feet)	(0 – 1)
Date	11/24/2014
--	No Exceedances
Metals	
--	Data Not Yet Received
PCBs (Congeners)	
--	Data Not Yet Received

SS-51	
Depth(Feet)	(0 – 1)
Date	8/28/2009
SVOCs	
Benzo(a)pyrene	0.44
PCBs (Aroclors)	
Aroclor–1248	1.6 D
Aroclor–1254	3 D
Total PCBs (Aroclors)	5.45
Metals	
Lead	2,200

SS-44	
Depth(Feet)	(0 – 1)
Date	9/1/2009
PCBs (Aroclors)	
Aroclor–1254	1.1 D
Total PCBs (Aroclors)	1.83
Metals	
Lead	1,580

SS-53	
Depth(Feet)	(0 – 1)
Date	9/17/2009
SVOCs	
Benzo(a)pyrene	0.57
PCBs (Aroclors)	
Aroclor–1242	4.1
Aroclor–1254	5.6
Aroclor–1260	1.2
Total PCBs (Aroclors)	10.9
Metals	
Lead	1,110 J

SS-52	
Depth(Feet)	(0 – 1)
Date	8/31/2009
SVOCs	
Benzo(a)anthracene	2.7
Benzo(a)pyrene	3.2 J
Benzo(b)fluoranthene	4.2 J
Dibenz(a,h)anthracene	0.58 EJ
PCBs (Aroclors)	
Aroclor–1242	9.4 D
Aroclor–1254	5.3 D
Total PCBs (Aroclors)	15.4
PCBs (Congeners)	
Total PCBs (Congeners)	12.4 J
Metals	
Lead	2,850

SS-59	
Depth(Feet)	(0 – 1)
Date	8/27/2009
PCBs (Aroclors)	
Aroclor–1242	6.5 D
Aroclor–1254	2.7 D
Total PCBs (Aroclors)	10
Metals	
Lead	1,250 J

SS-60	
Depth(Feet)	(0 – 1)
Date	9/18/2009
PCBs (Aroclors)	
Aroclor–1248	1.2 J
Aroclor–1254	3.6 J
Aroclor–1260	1.2 J
Total PCBs (Aroclors)	6 J
Pesticides	
Dieldrin	0.29 DJ
Metals	
Lead	974

SS-58	
Depth(Feet)	(0 – 1)
Date	8/28/2009
PCBs (Aroclors)	
Aroclor–1248	67 D
Aroclor–1254	57 D
Aroclor–1260	1.7
Total PCBs (Aroclors)	126
PCBs (Congeners)	
Total PCBs (Congeners)	157 J
Pesticides	
Aldrin	0.27 DJN
Metals	
Lead	927

SS-67	
Depth(Feet)	(0 – 1)
Date	9/3/2009
SVOCs	
Benzo(a)pyrene	0.49
PCBs (Aroclors)	
Total PCBs (Aroclors)	1.32 J
Metals	
Lead	1,580

SS-129	
Depth(Feet)	(0 – 1)
Date	11/24/2014
--	No Exceedances

SS-130	
Depth(Feet)	(0 – 1)
Date	11/24/2014
--	No Exceedances
Metals	
--	Data Not Yet Received
PCBs (Congeners)	
--	Data Not Yet Received

NJDEP Soil Remediation Standards		
Constituent	Non–Residential	Residential
VOCs		
Carbon Tetrachloride	2	0.6
Chloroform	2	0.6
SVOCs		
Acetophenone	5	2
Benzo(a)anthracene	2	0.6
Benzo(a)pyrene	0.2	0.2
Benzo(b)fluoranthene	2	0.6
Benzo(k)fluoranthene	23	6
Dibenz(a,h)anthracene	0.2	0.2
Indeno(1,2,3–cd)pyrene	2	0.6
PCBs		
Aroclor–1242	1	0.2
Aroclor–1248	1	0.2
Aroclor–1254	1	0.2
Aroclor–1260	1	0.2
Aroclor–1262	1	0.2
Aroclor–1268	1	0.2
Total PCBs (Aroclors)	1	0.2
PCBs (Congeners)		
Total PCBs (Congeners)	1	0.2
Pesticides		
Aldrin	0.2	0.04
alpha–Chlordane	1	0.2
Dieldrin	0.2	0.04
gamma–Chlordane	1	0.2
Heptachlor	0.7	0.1
Heptachlor epoxide	0.3	0.07
Metals		
Antimony	450	31
Arsenic	19	19
Cadmium	78	78
Copper	45,000	3,100
Lead	800	400
Manganese	5,900	11,000
Mercury	65	23
Vanadium	1,100	78

LEGEND:

- OPEN WATER
- EDGE OF LANDFILLED WASTES OBSERVED DURING TEST PIT ACTIVITIES (DASHED WHERE APPROXIMATE)
- GREAT SWAMP NATIONAL WILDLIFE REFUGE PROPERTY BOUNDARY (DASHED WHERE APPROXIMATE)
- WASTE AND DEBRIS OBSERVED ON GROUND SURFACE BUT NOT OBSERVED OR ANTICIPATED TO BE BELOW GROUND SURFACE
- AREAS WHERE SURFACE WATER FLOW DOES NOT EXHIBIT TYPICAL BED AND BANK MORPHOLOGY
- DATA GAP SAMPLING LOCATION
- SAMPLES COLLECTED PRIOR TO DATA GAP SAMPLING
- SOIL SAMPLING LOCATION
- SOIL SAMPLING LOCATION WITH DETECTED CONCENTRATIONS GREATER THAN NJDEP NONRESIDENTIAL SOIL REMEDIATION STANDARDS
- PROPOSED MONITORING WELL
- EXISTING MONITORING WELL
- DATA GAP TEMPORARY WELL POINT
- DATA GAP SOIL SAMPLE LOCATION
- DATA GAP SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- PROPOSED POREWATER SAMPLE
- STREAM GAUGE
- DATA GAP STREAM GAUGE LOCATION

DATA NOTES:

UNITS = MILLIGRAMS PER KILOGRAM

[] = DUPLICATE SAMPLE

() = RESULTS OF SECONDARY ANALYSIS

PCBS = POLYCHLORINATED BIPHENYLS

SVOCS = SEMIVOLATILE ORGANIC COMPOUNDS

VOCS = VOLATILE ORGANIC COMPOUNDS

NA = NOT ANALYZED

B = FOR ORGANICS THE COMPOUND HAS BEEN FOUND IN THE SAMPLE AS WELL AS ITS ASSOCIATED BLANK, ITS PRESENCE IN THE SAMPLE MAY BE SUSPECT.

D = CONCENTRATIONS IDENTIFIED FROM ANALYSIS OF THE SAMPLE AT A SECONDARY DILUTION.

E = FOR ORGANICS THE COMPOUND WAS QUANTITATED ABOVE THE CALIBRATION RANGE.

E = FOR INORGANICS THE REPORTED VALUE IS ESTIMATED BECAUSE OF THE PRESENCE OF INTERFERENCE BASED ON SERIAL DILUTON ANALYSIS.

J = FOR ORGANICS THE COMPOUND WAS POSITIVELY IDENTIFIED; HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY.

J = FOR INORGANICS THE SAMPLE RESULT IS GREATER THAN THE MDL BUT BELOW THE CRDL.

JN = THE ANALYSIS INDICATES THE PRESENCE OF A COMPOUND FOR WHICH THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICATION. THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY.

N = SPIKED SAMPLE RECOVERY IS NOT WITHIN CONTROL LIMITS.

P = DUAL COLUMN ANALYSIS RESULTED IN GREATER THAT 25% DIFFERENCE FOR DETECTED CONCENTRATIONS BETWEEN THE TWO COLUMNS.

RX = THE SAMPLE RESULTS ARE REJECTED DUE TO MATRIX INTERFERENCE.

U = THE COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE ASSOCIATED VALUE IS THE COMPOUND QUANTITATION LIMIT.

* = DUPLICATE ANALYSIS IS NOT WITHIN THE CALIBRATION RANGE.

NOTES:

1. ANALYTICAL RESULTS GIVEN IN MILLIGRAMS PER KILOGRAM FOR SOIL SAMPLES WITH DETECTED CONCENTRATIONS GREATER THAN NEW JERSEY NON–RESIDENTIAL SOIL REMEDIATION STANDARDS (DATED OCTOBER 2011). ANALYTICAL RESULTS GREATER THAN NEW JERSEY NON–RESIDENTIAL REMEDIATION STANDARDS ARE POSTED FOR PREVIOUS SAMPLES. DATA GAP ANALYTICAL RESULTS ARE COMPARED TO THE RESIDENTIAL AND NON–RESIDENTIAL REMEDIATION STANDARDS.
2. THE EDGE OF LANDFILLED WASTES OBSERVED DURING TEST PIT ACTIVITIES IS DRAWN BASED ON OBSERVATIONS OF MATERIALS EXCAVATED DURING TEST PIT ACTIVITIES CONDUCTED FROM JULY 26, 2007 TO SEPTEMBER 6, 2007 AND MARCH 26, 2008. THE EDGE OF THE LANDFILL WAS REFINED BASED ON OBSERVATIONS PRESENTED IN THE FIELD CHANGE REQUEST (FCR–02) APPROVED BY USEPA ON DECEMBER 29, 2014.
3. THE EXTENT OF AREAS WHERE SURFACE WATER FLOW DOES NOT EXHIBIT TYPICAL BED AND BANK MORPHOLOGY IS BASED ON FIELD OBSERVATIONS MADE THROUGHOUT THE PERIOD OF INVESTIGATION ACTIVITIES. THE EXTENT OF THE AREA SHOWN IS APPROXIMATE.
4. CONDITIONS ENCOUNTERED AT LOCATIONS SS–162, SS–163, AND SS–164 WERE REPRESENTATIVE OF SEDIMENT. RESULTS FOR THESE SAMPLES ARE PRESENTED WITH THE SEDIMENT RESULTS.
5. DATA GAP ANALYTICAL RESULTS HAVE NOT BEEN VALIDATED.

SOURCES:

1. BASEMAP FROM JAMES M. STEWART INC., LAND SURVEYORS, PHILADELPHIA, PA., (ELECTRONIC FILE: 292406.DWG DATED: 6/30/06)
2. TAX PARCEL DATA FOR CHATHAM TOWNSHIP WAS PROVIDED BY CIVIL SOLUTIONS.

0 200' 400'
GRAPHIC SCALE

ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY
DATA GAP INTERIM REPORT

SOIL ANALYTICAL RESULTS GREATER THAN NEW JERSEY SOIL REMEDIATION STANDARDS

ARCADIS

FIGURE
4a

CITY: CRANBURY,NJ DIV/GROUP: ENVCAD DB: T.FATTO LD: T.FATTO PIC:(0pt) PM: K.ROMAINE TM: L.HYATT LYR:ON=*;OFF=*REF*
C:\ENVCAD\CRANBURY\ACT\B0033203\00400\04\USEPA_REPORT\B0033203C02.DWG LAYOUT: 4A SAVED: 2/17/2015 10:13 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/17/2015 10:14 AM BY: FATTO, TRACEY
XREFS: B0033203X16 B0033203X15 B0033203X0E
IMAGES:
PROJECTNAME: ----