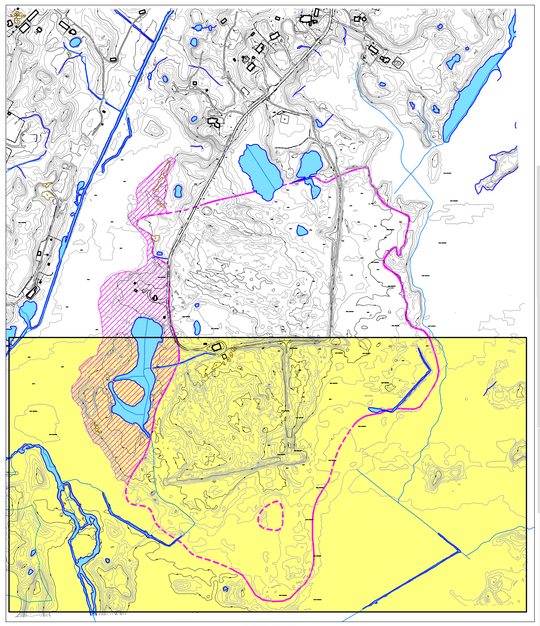
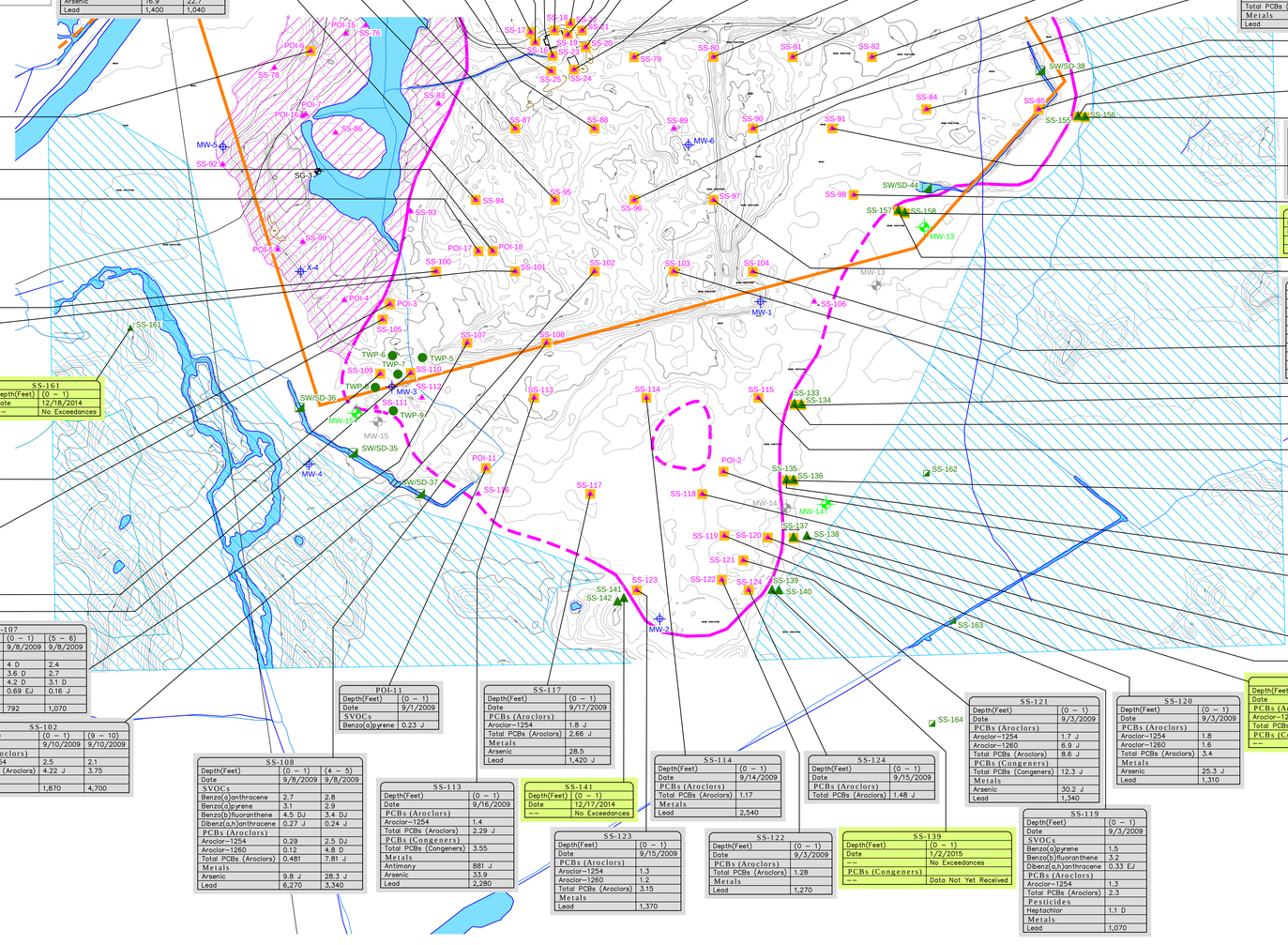


SITE MAP

0 500' 1000'
GRAPHIC SCALE



SS-17	
Depth(Feet)	(0 – 1)
Date	11/2/2007
SVOCs	
Benzo(a)pyrene	1.2
Metals	
Lead	901 DJ

SS-16	
Depth(Feet)	(0 – 1)
Date	11/1/2007
SVOCs	
Benzo(a)pyrene	1.1 EJ

SS-23	
Depth(Feet)	(0 – 1)
Date	11/2/2007
SVOCs	
Benzo(a)pyrene	0.75

SS-18	
Depth(Feet)	(0 – 1)
Date	11/1/2007
SVOCs	
Benzo(a)pyrene	0.77 J

SS-25	
Depth(Feet)	(0 – 0.85)
Date	11/5/2007
SVOCs	
Benzo(a)pyrene	0.21

SS-22		
Depth(Feet)	(0 – 1)	
Date	6/21/2007	
SVOCs		
Benzo(a)anthracene	2.3 [3.3]	
Benzo(a)pyrene	2.3 J	[3.1]
Benzo(b)fluoranthene	3.3 J	[4.5]

SS-19	
Depth(Feet)	(0 – 0.8)
Date	11/2/2007
SVOCs	
Benzo(a)anthracene	2.9
Benzo(a)pyrene	2.9
Benzo(b)fluoranthene	4.4
PCBs (Aroclors)	
Aroclor-1254	2.8 D
Total PCBs (Aroclors)	2.8
PCBs (Congeners)	
Total PCBs (Congeners)	6.41 J
Metals	
Lead	1,090 DJ

SS-88		
Depth(Feet)	(0 – 1)	(7 – 8)
Date	9/9/2009	9/9/2009
SVOCs		
Benzo(a)pyrene	0.51 J [0.72 J]	0.88 J
Dibenz(a,h)anthracene	0.21 EJ [0.54 EJ]	0.23 EJ
PCBs (Aroclors)		
Aroclor-1248	1.1 J [0.42 JN]	0.26 U
Aroclor-1254	4.8 J [2.4]	1.6
Total PCBs (Aroclors)	7.29 J [3.39 J]	2.01
Metals		
Arsenic	17.7 [19.8]	17.1
Lead	1,630 [2,370]	1,440

SS-21	
Depth(Feet)	(0 – 1)
Date	6/21/2007
SVOCs	
Benzo(a)anthracene	4.3
Benzo(a)pyrene	4.3 J
Benzo(b)fluoranthene	6.2 J
Indeno(1,2,3-cd)pyrene	2.6 J

SS-20	
Depth(Feet)	(0 – 1)
Date	11/2/2007
SVOCs	
Benzo(a)anthracene	2.7
Benzo(a)pyrene	2.4
Benzo(b)fluoranthene	3.4

SS-24	
Depth(Feet)	(0 – 1)
Date	11/5/2007
SVOCs	
Benzo(a)pyrene	0.65 J
PCBs (Aroclors)	
Aroclor-1248	2.6 D
Aroclor-1260	2.1 D
Total PCBs (Aroclors)	4.7
PCBs (Congeners)	
Total PCBs (Congeners)	6.89 J
Metals	
Lead	1,080 DJ

SS-87		
Depth(Feet)	(0 – 1)	(6 – 7)
Date	9/10/2009	9/10/2009
SVOCs		
Benzo(a)pyrene	0.28	0.36
PCBs (Aroclors)		
Aroclor-1254	7.3 J	0.52 J
Aroclor-1260	1.4 J	0.23 J
Aroclor-1268	0.92 U	2.3 J
Total PCBs (Aroclors)	8.7 J	3.26 J
Metals		
Arsenic	22.6	28.2
Lead	1,640	886

SS-95		
Depth(Feet)	(0 – 1)	(6 – 7)
Date	9/10/2009	9/10/2009
PCBs (Aroclors)		
Aroclor-1254	1.7 J	2.1
Total PCBs (Aroclors)	2.46 J	3.73 J
Metals		
Lead	1,550	1,110

SS-94		
Depth(Feet)	(0 – 1)	(9 – 10)
Date	9/9/2009	9/9/2009
SVOCs		
Benzo(a)pyrene	0.077 EJ	0.22 EJ
PCBs (Aroclors)		
Aroclor-1248	1.3 J	0.16 J
Aroclor-1254	2.9 J	0.38
Total PCBs (Aroclors)	5.03 J	0.67 J
Metals		
Arsenic	16.9	22.7
Lead	1,400	1,040

SS-80		
Depth(Feet)	(0 – 1)	(9 – 10)
Date	9/2/2009	9/2/2009
SVOCs		
Benzo(a)anthracene	11 D	5.1 D
Benzo(a)pyrene	11 D	5.8 D
Benzo(b)fluoranthene	13 DJ	6 D
Dibenz(a,h)anthracene	1.1 J	0.48 J
Indeno(1,2,3-cd)pyrene	2.5 J	1.5 J
PCBs (Aroclors)		
Aroclor-1254	0.32	1.5
Total PCBs (Aroclors)	0.407	3.18
Metals		
Lead	2,490	1,010

SS-82	
Depth(Feet)	(0 – 1)
Date	9/3/2009
PCBs (Aroclors)	
Aroclor-1254	2.3
Total PCBs (Aroclors)	3.1 J
Metals	
Arsenic	22.4 J
Lead	4,010

SS-79	
Depth(Feet)	(0 – 1)
Date	9/3/2009
PCBs (Aroclors)	
Aroclor-1254	2.7 J
Total PCBs (Aroclors)	4 J
Metals	
Lead	1,900

SS-81		
Depth(Feet)	(0 – 1)	
Date	9/3/2009	
PCBs (Aroclors)		
Aroclor-1242	0.6 U	[3.1]
Aroclor-1248	1.7 J	[0.6 U]
Aroclor-1254	5	[3.8]
Aroclor-1260	1.1	[0.87]
Total PCBs (Aroclors)	7.8 J	[7.77]
Metals		
Lead	2,290	[3,190]

SS-90		
Depth(Feet)	(0 – 1)	(6 – 7)
Date	9/8/2009	9/8/2009
SVOCs		
Benzo(a)pyrene	0.082 J	0.49
PCBs (Aroclors)		
Aroclor-1242	2.4 U	1.3
Aroclor-1248	17 J	0.6 U
Aroclor-1254	12 J	2.3
Aroclor-1262	2.4 U	3.9
Total PCBs (Aroclors)	29 J	7.5
Metals		
Lead	1,540	1,620 J

SS-96		
Depth(Feet)	(0 – 1)	(9 – 10)
Date	9/9/2009	9/9/2009
PCBs (Aroclors)		
Aroclor-1254	1	1.8 J
Aroclor-1260	1	1.4 J
Total PCBs (Aroclors)	2	3.61 J
Metals		
Lead	2,700	1,230

SS-84	
Depth(Feet)	(0 – 1)
Date	9/2/2009
SVOCs	
Benzo(a)pyrene	0.47 J
PCBs (Aroclors)	
Aroclor-1254	9.4 D
Aroclor-1260	1.2
Total PCBs (Aroclors)	10.6
PCBs (Congeners)	
Total PCBs (Congeners)	125 J
Metals	
Lead	4,510

SS-85	
Depth(Feet)	(0 – 1)
Date	9/2/2009
PCBs (Aroclors)	
Aroclor-1254	2.2
Total PCBs (Aroclors)	3.74
Metals	
Arsenic	22.8 J
Lead	2,360

SS-155	
Depth(Feet)	(0 – 1)
Date	12/16/2014
PCBs (Aroclors)	
Total PCBs (Aroclors)	0.24 J

SS-156	
Depth(Feet)	(0 – 1)
Date	12/16/2014
SVOCs SIM	
Benzo(a)pyrene	0.22
PCBs (Aroclors)	
Total PCBs (Aroclors)	0.22 J

POI-6	
Depth(Feet)	(0 – 1)
Date	9/25/2009
SVOCs	
Benzo(a)pyrene	0.28 J
Metals	
Lead	2,570 J

POI-18	
Depth(Feet)	(5 – 6)
Date	1/14/2010
PCBs (Aroclors)	
Aroclor-1248	1.1 DJ
Aroclor-1254	2.5 D
Total PCBs (Aroclors)	4.07 J
Metals	
Arsenic	21.2 J
Lead	1,540

POI-17	
Depth(Feet)	(5 – 6)
Date	1/13/2010
PCBs (Aroclors)	
Aroclor-1254	2.1 D [3.1 D]
Aroclor-1260	3.2 D [0.86 J]
Total PCBs (Aroclors)	5.67 [5.15 J]
Metals	
Arsenic	41.9 J [57.7 J]
Lead	1,900 [1,940]

SS-91	
Depth(Feet)	(0 – 1)
Date	9/17/2009
SVOCs	
Benzo(a)pyrene	0.59
PCBs (Aroclors)	
Aroclor-1254	3.1
Total PCBs (Aroclors)	4.58 J

SS-98	
Depth(Feet)	(0 – 1)
Date	9/18/2009
PCBs (Aroclors)	
Aroclor-1248	2.4 J
Aroclor-1254	4.6
Total PCBs (Aroclors)	7.51 J
Metals	
Arsenic	25.7
Lead	2,710

SS-158	
Depth(Feet)	(0 – 1)
Date	12/31/2014
PCBs (Aroclors)	
Total PCBs (Aroclors)	0.25 J P

SS-157	
Depth(Feet)	(0 – 1)
Date	12/31/2014
PCBs (Aroclors)	
Total PCBs (Aroclors)	0.40 J

SS-97		
Depth(Feet)	(0 – 1)	(6 – 7)
Date	9/4/2009	9/4/2009
SVOCs		
Benzo(a)pyrene	0.31 D	0.042 D
PCBs (Aroclors)		
Aroclor-1242	5.7	20 J
Aroclor-1254	10	4.8
Total PCBs (Aroclors)	15.7	24.8 J
PCBs (Congeners)		
Total PCBs (Congeners)	50.2 J	NA
Metals		
Arsenic	8.4 J	28.4 J
Lead	1,430	648

SS-100	
Depth(Feet)	(0 – 1)
Date	9/10/2009
PCBs (Aroclors)	
Aroclor-1254	2.6
Total PCBs (Aroclors)	4.06 J
Metals	
Arsenic	
Lead	2,650

SS-101		
Depth(Feet)	(0 – 1)	(4 – 5)
Date	9/9/2009	9/9/2009
SVOCs		
Benzo(a)pyrene	0.21 EJ	0.16 J
PCBs (Aroclors)		
Aroclor-1242	1.4	0.63 U
Aroclor-1248	0.61 U	1.9 J
Aroclor-1254	4.4	3.4 J
Aroclor-1260	1.5	2.7 J
Total PCBs (Aroclors)	7.3	8 J
PCBs (Congeners)		
Total PCBs (Congeners)	10.6 J	NA
Metals		
Arsenic	19.5	13
Lead	1,380	3,010

SS-161	
Depth(Feet)	(0 – 1)
Date	12/18/2014
--	No Exceedances

SS-104	
Depth(Feet)	(0 – 1)
Date	9/2/2009
PCBs (Aroclors)	
Aroclor-1248	3.3 D
Aroclor-1254	1.9 D
Total PCBs (Aroclors)	5.57 J
PCBs (Congeners)	
Total PCBs (Congeners)	5.83 J
Metals	
Arsenic	22 J

SS-103		
Depth(Feet)	(0 – 1)	(4 – 5)
Date	9/2/2009	9/2/2009
PCBs (Aroclors)		
Aroclor-1248	1.9 DJ	2.3 D
Aroclor-1254	3.1 D	4.1 D
Total PCBs (Aroclors)	5.55 J	7.01
Metals		
Arsenic	20.4 J	15 J
Cadmium	38.1 J	22,500 J
Lead	13,800	951

SS-134	
Depth(Feet)	(0 – 1)
Date	12/17/2014
PCBs (Aroclors)	
Total PCBs (Aroclors)	0.27 J P

SS-133	
Depth(Feet)	(0 – 1)
Date	12/17/2014
PCBs (Aroclors)	
Total PCBs (Aroclors)	0.21 J P

SS-115	
Depth(Feet)	(0 – 1)
Date	9/14/2009
SVOCs	
Benzo(a)pyrene	1.5
Dibenz(a,h)anthracene	0.29 EJ
Metals	
Arsenic	33
Lead	6,170

SS-136	
Depth(Feet)	(0 – 1)
Date	12/17/2014
SVOCs SIM	
Benzo(a)anthracene	0.65
Benzo(a)pyrene	0.6
PCBs (Aroclors)	
Aroclor-1254	0.46 P
Total PCBs (Aroclors)	0.62 J P
Metals	
Arsenic	28.5

SS-135	
Depth(Feet)	(0 – 1)
Date	12/17/2014
PCBs (Aroclors)	
Aroclor-1254	0.32
Total PCBs (Aroclors)	0.41 J P

POI-2	
Depth(Feet)	(0 – 1)
Date	9/3/2009
PCBs (Aroclors)	
Total PCBs (Aroclors)	2.18
Metals	
Lead	1,490

SS-118	
Depth(Feet)	(0 – 1)
Date	9/15/2009
SVOCs	
Benzo(a)pyrene	0.4 D
PCBs (Aroclors)	
Aroclor-1242	11 J
Aroclor-1254	7.7 J
Aroclor-1260	4.3 J
Total PCBs (Aroclors)	23 J
Metals	
Lead	2,560

POI-3		
Depth(Feet)	(0 – 1)	(0.5 – 1)
Date	8/25/2009	8/25/2009
VOCs		
Carbon Tetrachloride	NA	4.4
Chloroform	NA	4.5 D
SVOCs		
Benzo(a)pyrene	0.22 J	NA
Metals		
Arsenic	29.3 J	NA
Lead	1,720 J	NA
Manganese	13,600 J	NA
Mercury	85.1	NA

SS-105	
Depth(Feet)	(0 – 1)
Date	9/26/2009
PCBs (Aroclors)	
Aroclor-1248	4.6 D
Aroclor-1254	4.4 D
Total PCBs (Aroclors)	9.31
PCBs (Congeners)	
Total PCBs (Congeners)	22.7 J
Metals	
Lead	1,070 J

SS-110	
Depth(Feet)	(0 – 1)
Date	9/1/2009
SVOCs	
Benzo(a)pyrene	0.83
PCBs (Aroclors)	
Total PCBs (Aroclors)	1.28 J

SS-109	
Depth(Feet)	(0.5 – 1)
Date	8/31/2009
VOCs	
Chloroform	1,900 DJ

SS-107		
Depth(Feet)	(0 – 1)	(5 – 6)
Date	9/8/2009	9/8/2009
SVOCs		
Benzo(a)anthracene	4 D	2.4
Benzo(a)pyrene	3.6 D	2.7
Benzo(b)fluoranthene	4.2 D	3.1 D
Dibenz(a,h)anthracene	0.69 EJ	0.16 J
Metals		
Lead	792	1,070

SS-102		
Depth(Feet)	(0 – 1)	(9 – 10)
Date	9/10/2009	9/10/2009
PCBs (Aroclors)		
Aroclor-1254	2.5	2.1
Total PCBs (Aroclors)	4.22 J	3.75
Metals		
Lead	1,870	4,700

POI-11	
Depth(Feet)	(0 – 1)
Date	9/1/2009
SVOCs	
Benzo(a)pyrene	0.23 J

SS-117	
Depth(Feet)	(0 – 1)
Date	9/17/2009
PCBs (Aroclors)	
Aroclor-1254	1.8 J
Total PCBs (Aroclors)	2.66 J
Metals	
Arsenic	28.5
Lead	1,420 J

SS-108		
Depth(Feet)	(0 – 1)	(4 – 5)
Date	9/8/2009	9/8/2009
SVOCs		
Benzo(a)anthracene	2.7	2.8
Benzo(a)pyrene	3.1	2.9
Benzo(b)fluoranthene	4.5 DJ	3.4 DJ
Dibenz(a,h)anthracene	0.27 J	0.24 J
PCBs (Aroclors)		
Aroclor-1254	0.29	2.5 DJ
Aroclor-1260	0.12	4.8 D
Total PCBs (Aroclors)	0.481	7.81 J
Metals		
Arsenic	9.8 J	28.3 J
Lead	6,270	3,340

SS-113	
Depth(Feet)	(0 – 1)
Date	9/16/2009
PCBs (Aroclors)	
Aroclor-1254	1.4
Total PCBs (Aroclors)	2.29 J
PCBs (Congeners)	
Total PCBs (Congeners)	3.55
Metals	
Antimony	881 J
Arsenic	33.9
Lead	2,280

SS-141	
Depth(Feet)	(0 – 1)
Date	12/17/2014
--	No Exceedances

SS-123	
Depth(Feet)	(0 – 1)
Date	9/15/2009
PCBs (Aroclors)	
Aroclor-1254	1.3
Aroclor-1260	1.2
Total PCBs (Aroclors)	3.15
Metals	
Lead	1,370

SS-114	
Depth(Feet)	(0 – 1)
Date	9/14/2009
PCBs (Aroclors)	
Total PCBs (Aroclors)	1.17
Metals	
Lead	2,540

SS-122	
Depth(Feet)	(0 – 1)
Date	9/3/2009
PCBs (Aroclors)	
Total PCBs (Aroclors)	1.28
Metals	
Lead	1,270

SS-124	
Depth(Feet)	(0 – 1)
Date	9/15/2009
PCBs (Aroclors)	
Total PCBs (Aroclors)	1.48 J

SS-139	
Depth(Feet)	(0 – 1)
Date	1/2/2015
--	No Exceedances
PCBs (Congeners)	
--	Data Not Yet Received

SS-121	
Depth(Feet)	(0 – 1)
Date	9/3/2009
PCBs (Aroclors)	
Aroclor-1254	1.7 J
Aroclor-1260	6.9 J
Total PCBs (Aroclors)	8.6 J
PCBs (Congeners)	
Total PCBs (Congeners)	12.3 J
Metals	
Arsenic	30.2 J
Lead	1,340

SS-119	
Depth(Feet)	(0 – 1)
Date	9/3/2009
SVOCs	
Benzo(a)pyrene	1.5
Benzo(b)fluoranthene	3.2
Dibenz(a,h)anthracene	0.33 EJ
PCBs (Aroclors)	
Aroclor-1254	1.3
Total PCBs (Aroclors)	2.3
Pesticides	
Heptachlor	1.1 D
Metals	
Lead	1,070

SS-120	
Depth(Feet)	(0 – 1)
Date	9/3/2009
PCBs (Aroclors)	
Aroclor-1254	1.8
Aroclor-1260	1.6
Total PCBs (Aroclors)	3.4
Metals	
Arsenic	25.3 J
Lead	1,310

SS-137	
Depth(Feet)	(0 – 1)
Date	1/2/2015
PCBs (Aroclors)	
Aroclor-1254	0.31 P [0.22 J P]
Total PCBs (Aroclors)	0.55 P [0.387 J P]
PCBs (Congeners)	
--	Data Not Yet Received

SS-138	
Depth(Feet)	(0 – 1)
Date	1/2/2015
--	No Exceedances
PCBs (Congeners)	
--	Data Not Yet Received

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 (PREVIOUS LOCATIONS SHOWN IN GREY)
- 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

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.

0 200' 400'
GRAPHIC SCALE

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(k)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

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.

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.

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

SOIL ANALYTICAL RESULTS GREATER THAN NEW JERSEY SOIL REMEDIATION STANDARDS

ARCADIS

FIGURE 4b

CITY: CRANBURY-NJ DIV/GROUP: ENVCAD DB: T.FATTO LD: T.FATTO PIC/(OW): PM: K.ROMAINE TM: L.HYATT LYR: ON=*;OFF=*REF*
C:\ENVCAD\CRANBURY\ACT\B0033203\00\40\00\40\USEPA_REPORT\B0033203C03.DWG LAYOUT: 4B SAVED: 2/17/2015 10:14 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/17/2015 10:16 AM BY: FATTO, TRACEY
XREFS: B0033203X16 B0033203X05 B0033203X06
IMAGES: ----
PROJECTNAME: ----