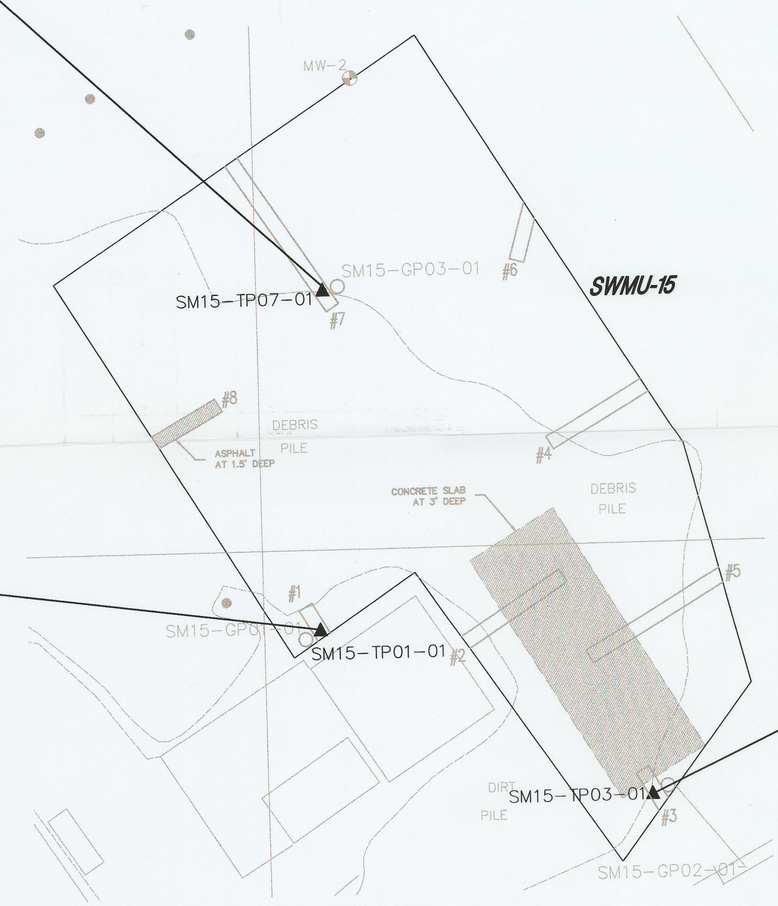
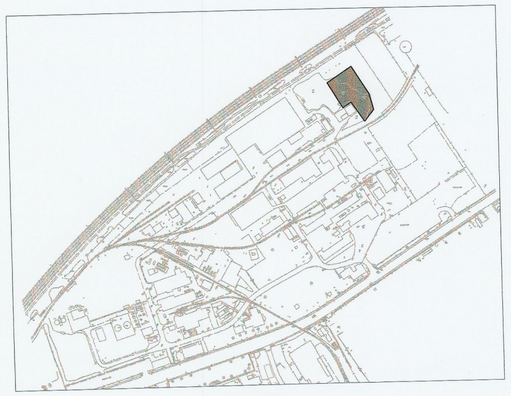
SM15-TP07-01 (3.0 - 3.5')		IND RBC EX	RES RBC EX	ECO EX
VOCS (µg/kg)				
2-Butanone (MEK)	27 J			
Acetone	92 J			
Benzene	1.6 J			
Carbon disulfide	27 J			
Chlorobenzene	4.1 J			
Chloroform	**2.7 B**		✓	
Tetrachloroethylene (PCE)	2.1 J			
Toluene	3 J			
Trichloroethylene (TCE)	**3.8 J**		✓	
SVOCS (µg/kg)				
1,2,4-Trichlorobenzene	**310 J**		✓	
1,2-Dichlorobenzene	220 J			
1,4-Dichlorobenzene	**230 J**		✓	
Benzo(a)anthracene	200 J			
Benzo(a)pyrene	**210 J**		✓	
Benzo(b)fluoranthene	220 J			
Benzo(g,h,i)perylene	140 J			
Benzo(k)fluoranthene	270 J			
Chrysene	270 J			
Fluoranthene	330 J			
Hexachlorobenzene	**1800 J**	✓	✓	
Indeno(1,2,3-c,d)pyrene	130 J			
Phenanthrene	270 J			
Pyrene	340 J			
METALS (mg/kg)				
Aluminum	**9310**		✓	✓
Antimony	**1.5 B**		✓	
Arsenic	**18.4**	✓	✓	✓
Barium	189			
Beryllium	0.47 B			
Boron	5.1 B			
Cadmium	0.45 B			
Calcium	17300			
Chromium	**30.2**		✓	✓
Cobalt	8.5			
Copper	**84**			✓
Iron	**32200 J**	✓	✓	✓
Lead	**132 J**			✓
Magnesium	8680			
Manganese	**180 J**		✓	✓
Mercury	**0.76 L**			✓
Nickel	19.2 J			
Potassium	1650 J			
Selenium	**1.3**			✓
Tin	7.6			
Vanadium	**31.5 J**			✓
Zinc	**161 J**			✓

SM15-TP01-01 (3.0 - 3.5')		IND RBC EX	RES RBC EX	ECO EX
VOCS (µg/kg)				
1,1,2-Trichloro-1,2,2-trifluoroethane	290 J			
1,2,4-Trichlorobenzene	**330 J**		✓	
1,2-Dichlorobenzene	**4000**		✓	
1,4-Dichlorobenzene	**780**		✓	
cis-1,2-Dichloroethylene	**4300**		✓	
Tetrachloroethylene (PCE)	**15000**		✓	
Total 1,2-dichloroethylene	4600			
Trichloroethylene (TCE)	**6700**		✓	
Vinyl chloride	**120 J**		✓	
SVOCS (µg/kg)				
2,4-Dinitrotoluene	**210 J**		✓	
2,6-dinitrotoluene	**57 J**		✓	
2-Methylnaphthalene	21 J			
Acenaphthene	62 J			
Acetophenone	**25 J**		✓	
Anthracene	200 J			
Benzaldehyde	33 J			
Benzo(a)anthracene	670			
Benzo(a)pyrene	**770**	✓	✓	
Benzo(b)fluoranthene	790			
Benzo(g,h,i)perylene	480			
Benzo(k)fluoranthene	950			
bis(2-Ethylhexyl)phthalate	32 J			
Carbazole	140 J			
Chrysene	780			
Dibenzo(a,h)anthracene	**170 J**		✓	
Dibenzofuran	70 J			
Fluoranthene	970			
Fluorene	86 J			
Hexachlorobenzene	**330 J**		✓	
Indeno(1,2,3-c,d)pyrene	480			
n-Nitrosodiphenylamine	35 J			
Naphthalene	**28 J**		✓	
Nitrobenzene	**18 J**		✓	
Phenanthrene	970			
Pyrene	1300			
PESTICIDES (µg/kg)				
beta-BHC	**480 J**		✓	
p,p'-DDD	2200 J			
p,p'-DDE	1800 J			
p,p'-DDT	**3000 J**		✓	
PCBs (µg/kg)				
PCB-1254 (Arochlor 1254)	**280 J**		✓	





PLAN VIEW

SCALE: 1"=600'

SM15-TP03-01 (2.5 - 3.0')		IND RBC EX	RES RBC EX	ECO EX
VOCS (µg/kg)				
Acetone	25 B			
Chloroform	**1.8 B**		✓	
Tetrachloroethylene (PCE)	9.2 J			
Toluene	21 J			
Trichloroethylene (TCE)	**4.6 J**		✓	
METALS (mg/kg)				
Aluminum	**8700**		✓	✓
Antimony	**4 B**		✓	
Arsenic	**17**	✓	✓	✓
Barium	**213**		✓	
Beryllium	0.81			
Boron	15.9			
Cadmium	0.46 B			
Calcium	11000			
Chromium	**184**		✓	✓
Cobalt	12.8			
Copper	**1500**		✓	✓
Iron	**25100 J**		✓	✓
Lead	**141 J**			✓
Magnesium	2220			
Manganese	**1040 J**		✓	✓
Mercury	**1.2 L**			✓
Nickel	18.9 J			
Potassium	910 J			
Selenium	**2.5**		✓	✓
Silver	0.72 B			
Sodium	119 B			
Vanadium	**34.2 J**			✓
Zinc	**148 J**			✓

LEGEND

- ▲ TEST PIT SOIL SAMPLE LOCATION
- ○ GEOPROBE GROUNDWATER SAMPLE LOCATION
- MONITORING WELL LOCATION
- EXTENT OF SOLID WASTE MANAGEMENT UNIT (SWMU)
- TEST PIT LOCATION
- OBJECT ENCOUNTERED IN TEST PIT

IND RBC EX – INDUSTRIAL RISK BASED CONCENTRATION EXCEEDANCE

RES RBC EX – RESIDENTIAL RISK BASED CONCENTRATION EXCEEDANCE

ECO EX – ECOLOGICAL CRITERIA EXCEEDANCE

Qualifers:

B = Not detected substantially above the level reported in laboratory or field blanks.
BE = Not detected substantially above the level reported in laboratory or field blanks and calibration was exceeded.
D = Sample was diluted and reanalyzed.
DJ= The reported concentration for this analyte has been diluted and is an estimated value.
E = Calibration was exceeded. The sample was not reanalyzed at a dilution.
J = The reported concentration for this analyte is an estimated value.
K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

north

0 10 20 40

SCALE: FEET
1"=40'

RFI REPORT
DELAWARE VALLEY WORKS FACILITY
CLAYMONT, DELAWARE

SWMU 15 SOIL SAMPLE LOCATIONS AND ANALYTICAL DETECTIONS

MWH

FIGURE 9

S:\IND PROJECTS\Honeywell\07-Claymont\Reports\RFI\Figures\CLAY-RFI-13.DWG