



ANALYTICAL RESULTS

Volatile Organic Compounds

Sampled April 2008
Shohola PennDOT Stockpile #6

Sample ID	Methylene Chloride
SPS6-0408-Site2South	2.1 B

Notes:

Only detected analytes are listed.

All concentrations are listed in $\mu\text{g/kg}$

B - Not detected substantially above the level reported in laboratory blanks.



ANALYTICAL RESULTS

Herbicides

Sampled April 2008
Shohola PennDOT Stockpile #6

Sample ID	2,4-D	Silvex (2, 4, 5-TP)	2, 4, 5,-T
SPS6-0408-Site1and2	ND	ND	ND
SPS6-0408-Site3	ND	ND	ND
SPS6-0408-Site4	ND	ND	ND
SPS6-0408-Site5	ND	ND	ND
SPS6-0408-Site1Band2B	ND	ND	ND
SPS6-0408-Site1West	ND	ND	ND
SPS6-0408-Site6	ND	ND	ND
SPS6-0408-Site7	ND	ND	ND
SPS6-0408-Site2South	ND	ND	ND

Notes:

ND - Not Detected



ANALYTICAL RESULTS

Semivolatile Organic Compounds

Sampled April 2008
Shohola PennDOT Stockpile #6

Sample ID	Acetophenone	Naphthalene	2-Methyl naphthalene	Acenaphthylene	Acenaphthene	Dibenzofuran	Flourene	Phenanthrene	Anthracene	Carbazole
SPS6-0408-Site1and2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site5	ND	ND	ND	66 J	48 J	ND	60 J	820	160 J	62 J
SPS6-0408-Site1Band2B	60 J	58 J	110 J	1,100	290	330	650	5,600 +	1,300	180 J
SPS6-0408-Site1West	ND	ND	ND	ND	ND	ND	ND	120 J	51 J	ND
SPS6-0408-Site6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site7	ND	40 J	95 J	420	300	340	410	3,900 +	780	420
SPS6-0408-Site2South	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Fluoranthene	Pyrene	Benzo(a) anthracene	Chrysene	Bis(2-ethylhexyl) phthalate	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Indeno(1,2,3-cd) pyrene	Dibenzo(a,h) anthracene	Benzo(g,h,i) perylene
SPS6-0408-Site1and2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site4	55 J	50 J	ND	39 J	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site5	1,900	1,700	860	870	ND	810	630 J	740	510	220	420
SPS6-0408-Site1Band2B	16,000+	18,000+	9,400+	10,000+	170 J	11,000+	7,400+ J	10,000+	7,300+	2,500	6,300+
SPS6-0408-Site1West	670	640	400	370	ND	320	290 J	290	200 J	92 J	160 J
SPS6-0408-Site6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPS6-0408-Site7	6,700+	6,500+	2,900	3,100	66 J	2,900+	2,300 J	2,900	2,100	830	1,900
SPS6-0408-Site2South	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND

Notes:

Only detected analytes are listed.

All concentrations are listed in µg/kg

J - Analyte present. Concentration may be inaccurate or imprecise.

ND - Not Detected



ANALYTICAL RESULTS

Metals

Sampled April 2008
Shohola PennDOT Stockpile #6

Sample ID	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
SPS6-0408-Site1and2	4,600	ND R	3.7	28.1	0.22 J	ND	188 J	3.9	3.2 J	6.4	8,140	7.4 J
SPS6-0408-Site3	5,480	ND R	4.1	29.3	0.31 J	ND	39.1 B	4.4	4.1 J	8.1	9,860	6.4 J
SPS6-0408-Site4	4,370	ND R	6.1	38.8	0.35 J	0.049 B	2,010 J	4.1	6.6	16.4	9,460	27.6 J
SPS6-0408-Site5	5,560	ND R	4.7	53.2	0.34 J	0.18 J	1,840 J	5.7	4.9 J	15.2	11,300	23.7 J
SPS6-0408-Site1Band2B	5,270	ND R	7.6	67.7	0.48 J	0.43 J	26,900 J	7.5	6.1	32.6	11,000	56.8 J
SPS6-0408-Site1West	6,250	ND R	4.4	35.1	0.31 J	ND	269 J	5.3	5.5 J	10.6	11,200	10.7 J
SPS6-0408-Site6	4,770	ND R	3.7	27.8	0.23 J	0.037 B	450 J	3.9	4.1 J	8.1	9,340	10.8 J
SPS6-0408-Site7	5,100	ND R	2.9	29.0	0.22 J	0.029 B	322 J	5.2	4.3 J	6.0	10,600	10.6 J
SPS6-0408-Site2South	252,000	ND UL	120 J	2,140	12.2	1.1 J	12,200	172 J	138	241 J	267,000	217

Sample ID	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide
SPS6-0408-Site1and2	1,240	147 K	0.016 J	7.1	306 J	ND UL	ND	508 J	ND	5.5	26.1 K	ND UL
SPS6-0408-Site3	1,620	119 K	ND	8.7	352 J	ND UL	ND	130 J	ND	6.6	26.2 K	ND UL
SPS6-0408-Site4	1,590	475 K	ND	9.7	422 J	ND UL	ND	55.6 J	ND	4.1 J	103 K	ND UL
SPS6-0408-Site5	1,760	372 K	ND	10.6	460 J	ND UL	ND	54.5 J	ND	8.0	160 K	ND UL
SPS6-0408-Site1Band2B	1,980	1,840 K	ND	11.8	455 J	ND UL	0.12 J	88.4 J	ND	8.4	1,230 K	ND UL
SPS6-0408-Site1West	1,860	283 K	ND	11.0	514 J	ND UL	ND	120 J	ND	5.8	41.2 K	ND UL
SPS6-0408-Site6	1,510	221 K	ND	8.9	372 J	ND UL	ND	92.6 J	ND	5.2 J	40.8 K	ND UL
SPS6-0408-Site7	1,500	178 K	ND	8.7	350 J	ND UL	ND	72.5 J	ND	7.7	32.3 K	ND UL
SPS6-0408-Site2South	48,000	12,400	0.37	249	48,400 J	ND UL	ND UL	62,400	ND	257 J	932 K	NS

Notes:

All concentrations are listed in mg/kg

B - Not detected substantially above the level reported in laboratory or field blanks.

J - Analyte present. Concentration may be inaccurate or imprecise.

K - Analyte present. Reported value may be biased high. Actual value is expected to be lower.

ND - Not Detected

NS - Not Sampled

R - Unusable result. Analyte may or may not be present in the sample. Supporting data necessary to confirm result.

UL - Not detected, quantitation limit is probably higher.