



TABLE

SUMMARY OF HOTSPOT "E" CONFIRMATORY SOIL SAMPLE ANALYTICAL RESULTS

PHASE II BUSINESS PARK SITE II-12

TECUMSEH REDEVELOPMENT INC.

LACKAWANNA, NEW YORK

PARAMETER ¹	Sample Location														Commercial Use SCOs ³
	Bottom #1	Bottom #2	Bottom #3	Bottom #4	North Wall #1	North Wall #2	North Wall #3	South Wall #1	South Wall #2	South Wall #3	East Wall #1	East Wall #2	East Wall #3	West Wall #1	
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg ²															
Acenaphthylene	ND	ND	ND	ND	ND	0.28 J	0.2 J	0.37 J	ND	ND	0.66 J	ND	1.5 J	ND	500
Anthracene	ND	ND	ND	ND	ND	0.31 J	ND	0.48 J	ND	ND	ND	ND	1.6 J	ND	500
Benzo(a)anthracene	1.5 J	ND	ND	0.71	ND	1.3	0.86 J	1.1	ND	ND	1.4 J	0.89 J	5.3	0.81 J	5.6
Benzo(a)pyrene	1.4 J	ND	ND	0.37	ND	1.6	0.9 J	0.93 J	ND	ND	1.6 J	0.98 J	4.1	0.74 J	1
Benzo(b)fluoranthene	2 J	ND	ND	ND	ND	2.1	1.3	1.1	ND	ND	2.7	1 J	5.9	0.96 J	5.6
Benzo(ghi)perylene	1.1 J	0.036 J	ND	0.26	ND	1.7	0.98 J	0.66 J	ND	ND	1.4 J	1.8 J	2.9	0.86 J	500
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	1	0.57 J	0.55 J	ND	ND	ND	0.56 J	2	0.69 J	56
Carbazole	ND	ND	ND	ND	ND	0.22 J	ND	ND	ND	ND	ND	ND	0.47 J	ND	--
Chrysene	1.4 J	ND	ND	1.2	ND	1.5	0.96 J	1.1	ND	ND	1.4 J	1.1 J	4.9	0.95 J	56
Dibenzofuran	ND	ND	ND	ND	ND	0.12 J	ND	ND	ND	ND	ND	ND	0.47 J	ND	350
Fluoranthene	2.0	0.024 J	ND	0.28 J	ND	1.9	1.2	2.0	ND	ND	1.9	1.3 J	9.1	1.2 J	500
Fluorene	ND	ND	ND	ND	ND	ND	ND	0.17 J	ND	ND	ND	ND	1 J	ND	500
Indeno(1,2,3-cd)pyrene	0.9 J	ND	ND	ND	ND	1.4	0.8 J	0.6 J	ND	ND	1.3 J	0.73 J	2.8	0.69 J	5.6
Phenanthrene	0.72 J	ND	0.18 J	ND	ND	0.98	0.47 J	1.2	ND	ND	0.36 J	0.5 J	6.0	0.47 J	500
Pyrene	1.9 J	0.045 J	0.2	0.88 J	ND	1.9	1.1	1.6	ND	ND	1.7 J	1.2 J	7.8	1.1 J	500
Total PAHs	12.92	0.105	0.390	3.70	0.0	16.31	9.34	11.86	0.0	0.0	14.42	10.06	54.90	8.47	--

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SSALs.
3. Values per NYSDEC Part 375 Commercial Soil Cleanup Objectives (SCOs).

Definitions:

ND = Parameter not detected above laboratory detection limit.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.