



TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
2101 KENMORE AVENUE
BUFFALO, NEW YORK

PARAMETER ¹	Unrestricted Use SCOs ³	Restricted Residential Use SCOs ³	Commercial Use SCOs ³	Industrial Use SCOs ³	SAMPLE LOCATION (DEPTH)				
					SB-C (0.5-1.5')	SB-D (0.5-2')	SB-H (0.5-1.5')	SB-I (0.25-2')	SB-J (2-2.5')
					07/12/2021				
Volatile Organic Compounds (VOCs) - mg/kg⁴									
Trichloroethene	0.47	21	200	400	--	--	--	--	0.012 vs
Acetone	0.05	100	500	1000	--	--	--	--	0.005 J vs
Polyaromatic Hydrocarbons (PAHs)									
Acenaphthene	20	100	500	1000	ND	0.36	0.17 J	ND	0.7
Fluoranthene	100	100	500	1000	2.2 J ⁺	8.9	4.2	1.5 J ⁺	11
Naphthalene	12	100	500	1000	ND	0.13 J	0.084 J	ND	4.3
Benzo(a)anthracene	1	1	5.6	11	ND	4	2.2	ND	4.8
Benzo(a)pyrene	1	1	1	1.1	ND	3.7	2.1	ND	3.6
Benzo(b)fluoranthene	1	1	5.6	11	ND	5.4	3.4	ND	5.3
Benzo(k)fluoranthene	0.8	3.9	56	110	ND	1.8	1.1	ND	1.7
Chrysene	1	3.9	56	110	ND	4.5	2.6	ND	4.8
Acenaphthylene	100	100	500	1000	ND	0.11 J	0.18 J	ND	1.3
Anthracene	100	100	500	1000	ND	0.93	0.54	ND	3.9
Benzo(ghi)perylene	100	100	500	1000	ND	2.1	1.1	ND	1.7
Fluorene	30	100	500	1000	ND	0.39	0.2 J	ND	3.6
Phenanthrene	100	100	500	1000	ND	5.2	2.6	1.2 J ⁺	16
Dibenzo(a,h)anthracene	0.33	0.33	0.56	1.1	ND	0.78	0.39	ND	0.79
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	11	ND	2	1.1	ND	1.8
Pyrene	100	100	500	1000	2.3 J ⁺	6	3.1	1.0 J ⁺	7.7
Metals - mg/Kg									
Arsenic	13	16	16	16	11.9	27.6	88.5	8.8	--
Barium	350	400	400	10000	35.3 ^6+	85.4 ^6+	261 ^6+	118 ^6+	--
Cadmium	2.5	4.3	9.3	60	ND	0.39	0.94	ND	--
Chromium	31	180	1500	6800	23.3 F1	10.9	21.9	6.9	--
Lead	64	400	1000	3900	119	52	331	38.7	--
Mercury	0.18	0.81	2.8	5.7	ND	0.11	0.081	0.054	--
Selenium	3.9	180	1500	6800	ND	ND	ND	ND	--
Silver	2	180	1500	6800	ND	ND	ND	ND	--

Notes:

- Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
- Values per NYSDEC CP-51 Soil Cleanup Levels (SCLs) for gasoline or fuel oil impacted sites.
- Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
- Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCLs

Definitions:

- ND = Parameter not detected above laboratory detection limit.
- "--" = No value available for the parameter. Or parameter not analyzed for.
- J = Estimated value; result is less than the sample quantitation limit but greater than zero.
- *+ = LCS and/or LCSD is outside acceptance limits, high biased
- ^6+ = Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased
- F1 = MS and/or MSD recovery exceeds control limits
- vs = Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L

Green	= Result exceeds 6NYCRR Part 375 Unrestricted Use SCOs
Light Blue	= Result exceeds 6NYCRR Part 375 Restricted Residential Use SCOs
Yellow	= Result exceeds 6NYCRR Part 375 Commercial Use SCOs
Red	= Result exceeds 6NYCRR Part 375 Industrial Use SCOs