

Surface Soil Investigation
1153-69 West Fayette Street, Syracuse, New York

LOCATION					SS-101		SS-102		SS-103		SS-103		SS-104		SS-104	
SAMPLING DATE					9/15/2023		9/15/2023		9/15/2023		9/15/2023		9/15/2023		9/15/2023	
LAB SAMPLE ID					L2354034-01		L2354034-02		L2354034-03		L2354034-03 R1		L2354034-04		L2354034-04 R2	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)					0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Analyte	CasNum	Unrestricted Use SCO	Commercial Use SCO	Protection of Groundwater	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035					Volatile Organics by EPA 5035											
1,1,1-Trichloroethane	71-55-6	0.68	500	0.68	0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5				0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
1,1,2-Trichloroethane	79-00-5				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
1,1-Dichloroethane	75-34-3	0.27	240	0.27	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
1,1-Dichloroethene	75-35-4	0.33	500	0.33	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
1,2,4-Trichlorobenzene	120-82-1				0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	190	3.6	0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8				0.0038	U	0.0042	U	0.0053	U	-	-	0.0095	U	-	-
1,2-Dibromoethane	106-93-4				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	500	1.1	0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
1,2-Dichloroethane	107-06-2	0.02	30	0.02	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
1,2-Dichloropropane	78-87-5				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	190	8.4	0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	280	2.4	0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	130	1.8	0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
2-Butanone	78-93-3	0.12	500	0.12	0.013	U	0.014	U	0.018	U	-	-	0.032	U	-	-
2-Hexanone	591-78-6				0.013	U	0.014	U	0.018	U	-	-	0.032	U	-	-
4-Methyl-2-pentanone	108-10-1				0.013	U	0.014	U	0.018	U	-	-	0.032	U	-	-
Acetone	67-64-1	0.05	500	0.05	0.013	U	0.014	U	0.018	U	-	-	0.032	U	-	-
Benzene	71-43-2	0.06	44	0.06	0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
Bromodichloromethane	75-27-4				0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
Bromoform	75-25-2				0.0051	U	0.0056	U	0.007	U	-	-	0.013	U	-	-
Bromomethane	74-83-9				0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
Carbon disulfide	75-15-0				0.013	U	0.014	U	0.018	U	-	-	0.032	U	-	-
Carbon tetrachloride	56-23-5	0.76	22	0.76	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Chlorobenzene	108-90-7	1.1	500	1.1	0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
Chloroethane	75-00-3				0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
Chloroform	67-66-3	0.37	350	0.37	0.0019	U	0.0021	U	0.0026	U	-	-	0.0047	U	-	-
Chloromethane	74-87-3				0.0051	U	0.0056	U	0.007	U	-	-	0.013	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	500	0.25	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
cis-1,3-Dichloropropene	10061-01-5				0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
Cyclohexane	110-82-7				0.013	U	0.014	U	0.018	U	-	-	0.032	U	-	-
Dibromochloromethane	124-48-1				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Dichlorodifluoromethane	75-71-8				0.013	U	0.014	U	0.018	U	-	-	0.032	U	-	-
Ethylbenzene	100-41-4	1	390	1	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Freon-113	76-13-1				0.0051	U	0.0056	U	0.007	U	-	-	0.013	U	-	-
Isopropylbenzene	98-82-8				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Methyl Acetate	79-20-9				0.0051	U	0.0056	U	0.007	U	-	-	0.013	U	-	-
Methyl cyclohexane	108-87-2				0.0051	U	0.0056	U	0.007	U	-	-	0.013	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	500	0.93	0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
Methylene chloride	75-09-2	0.05	500	0.05	0.0064	U	0.007	U	0.0088	U	-	-	0.016	U	-	-
n-Butylbenzene	104-51-8	12	500	12	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
n-Propylbenzene	103-65-1	3.9	500	3.9	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Naphthalene	91-20-3	12	500	12	0.0051	U	0.0056	U	0.007	U	-	-	0.013	U	-	-
o-Xylene	95-47-6				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
p-Isopropyltoluene	99-87-6				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
p/m-Xylene	179601-23-1				0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-
sec-Butylbenzene	135-98-8	11	500	11	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Styrene	100-42-5				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
tert-Butylbenzene	98-06-6	5.9	500	5.9	0.0026	U	0.0028	U	0.0035	U	-	-	0.0063	U	-	-

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LAB SAMPLE ID					L2354034-01		L2354034-02		L2354034-03		L2354034-03 R1		L2354034-04		L2354034-04 R2	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)					0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Analyte	CasNum	Unrestricted Use SCO	Commercial Use SCO	Protection of Groundwater	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Tetrachloroethene	127-18-4	1.3	150	1.3	0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
Toluene	108-88-3	0.7	500	0.7	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	500	0.19	0.0019	U	0.0021	U	0.0026	U	-	-	0.0047	U	-	-
trans-1,3-Dichloropropene	10061-02-6				0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Trichloroethene	79-01-6	0.47	200	0.47	0.00064	U	0.0007	U	0.00088	U	-	-	0.0016	U	-	-
Trichlorofluoromethane	75-69-4				0.0051	U	0.0056	U	0.007	U	-	-	0.013	U	-	-
Vinyl chloride	75-01-4	0.02	13	0.02	0.0013	U	0.0014	U	0.0018	U	-	-	0.0032	U	-	-
Semivolatile Organics by GC/MS					Semivolatile Organics by GC/MS											
1,2,4,5-Tetrachlorobenzene	95-94-3				0.19	U	1	U	0.2	U	-	-	4	U	-	-
1,4-Dioxane	123-91-1	0.1	130	0.1	0.029	U	0.15	U	0.03	U	-	-	0.61	U	-	-
2,3,4,6-Tetrachlorophenol	58-90-2				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2,4,5-Trichlorophenol	95-95-4				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2,4,6-Trichlorophenol	88-06-2				0.12	U	0.6	U	0.12	U	-	-	2.4	U	-	-
2,4-Dichlorophenol	120-83-2				0.17	U	0.9	U	0.18	U	-	-	3.6	U	-	-
2,4-Dimethylphenol	105-67-9				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2,4-Dinitrophenol	51-28-5				0.92	U	4.8	U	0.97	U	-	-	19	U	-	-
2,4-Dinitrotoluene	121-14-2				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2,6-Dinitrotoluene	606-20-2				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2-Chloronaphthalene	91-58-7				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2-Chlorophenol	95-57-8				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2-Methylnaphthalene	91-57-6				0.089	J	0.58	J	2.2		-	-	9.7		-	-
2-Methylphenol	95-48-7	0.33	500	0.33	0.19	U	1	U	0.2	U	-	-	4	U	-	-
2-Nitroaniline	88-74-4				0.19	U	1	U	0.2	U	-	-	4	U	-	-
2-Nitrophenol	88-75-5				0.42	U	2.2	U	0.44	U	-	-	8.7	U	-	-
3,3'-Dichlorobenzidine	91-94-1				0.19	U	1	U	0.2	U	-	-	4	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	500	0.33	0.28	U	1.4	U	0.22	J	-	-	1	J	-	-
3-Nitroaniline	99-09-2				0.19	U	1	U	0.2	U	-	-	4	U	-	-
4,6-Dinitro-o-cresol	534-52-1				0.5	U	2.6	U	0.52	U	-	-	10	U	-	-
4-Bromophenyl phenyl ether	101-55-3				0.19	U	1	U	0.2	U	-	-	4	U	-	-
4-Chloroaniline	106-47-8				0.19	U	1	U	0.2	U	-	-	4	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3				0.19	U	1	U	0.2	U	-	-	4	U	-	-
4-Nitroaniline	100-01-6				0.19	U	1	U	0.2	U	-	-	4	U	-	-
4-Nitrophenol	100-02-7				0.27	U	1.4	U	0.28	U	-	-	5.7	U	-	-
Acenaphthene	83-32-9	20	500	98	0.1	J	0.64	J	2.5		-	-	17		-	-
Acenaphthylene	208-96-8	100	500	107	0.22		2		4.1		-	-	4.9		-	-
Acetophenone	98-86-2				0.043	J	1	U	0.44		-	-	4	U	-	-
Anthracene	120-12-7	100	500	1000	0.54		2.2		7.4		-	-	36		-	-
Atrazine	1912-24-9				0.15	U	0.8	U	0.16	U	-	-	3.2	U	-	-
Benzaldehyde	100-52-7				0.16	J	1.3	U	0.27	U	-	-	5.3	U	-	-
Benzo(a)anthracene	56-55-3	1	5.6	1	2.1		7		19	E	-	-	40		-	-
Benzo(a)pyrene	50-32-8	1	1	22	2		8.1		18	E	-	-	43		-	-
Benzo(b)fluoranthene	205-99-2	1	5.6	1.7	2.6		10		25	E	-	-	52		-	-
Benzo(ghi)perylene	191-24-2	100	500	1000	1.3		4.6		11	E	-	-	46		-	-
Benzo(k)fluoranthene	207-08-9	0.8	56	1.7	0.97		3.4		3.9		-	-	43		-	-
Biphenyl	92-52-4				0.44	U	2.3	U	0.38	J	-	-	2.8	J	-	-
Bis(2-chloroethoxy)methane	111-91-1				0.21	U	1.1	U	0.22	U	-	-	4.4	U	-	-
Bis(2-chloroethyl)ether	111-44-4				0.17	U	0.9	U	0.18	U	-	-	3.6	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1				0.23	U	1.2	U	0.24	U	-	-	4.8	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7				0.15	J	1	U	0.15	J	-	-	4	U	-	-
Butyl benzyl phthalate	85-68-7				0.17	J	1	U	0.2	U	-	-	4	U	-	-
Caprolactam	105-60-2				0.19	U	1	U	0.2	U	-	-	4	U	-	-

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SAMPLING DATE					9/15/2023		9/15/2023		9/15/2023		9/15/2023		9/15/2023		9/15/2023	
LAB SAMPLE ID					L2354034-01		L2354034-02		L2354034-03		L2354034-03 R1		L2354034-04		L2354034-04 R2	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)					0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Analyte	CasNum	Unrestricted Use SCO	Commercial Use SCO	Protection of Groundwater	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbazole	86-74-8				0.23		0.99	J	3.1		-	-	21		-	-
Chrysene	218-01-9	1	56	1	2.4		7		18	E	40		87		-	-
Di-n-butylphthalate	84-74-2				0.19	U	1	U	0.2	U	-	-	4	U	-	-
Di-n-octylphthalate	117-84-0				0.19	U	1	U	0.2	U	-	-	4	U	-	-
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	1000	0.32		1.2		2.6		-	-	11		-	-
Dibenzofuran	132-64-9	7	350	210	0.073	J	0.44	J	1.7		-	-	15		-	-
Diethyl phthalate	84-66-2				0.19	U	1	U	0.2	U	-	-	4	U	-	-
Dimethyl phthalate	131-11-3				0.19	U	1	U	0.2	U	-	-	4	U	-	-
Fluoranthene	206-44-0	100	500	1000	3.3		13		22	E	82		210		210	E
Fluorene	86-73-7	30	500	386	0.15	J	0.68	J	2.9		-	-	18		-	-
Hexachlorobenzene	118-74-1	0.33	6	3.2	0.12	U	0.6	U	0.12	U	-	-	2.4	U	-	-
Hexachlorobutadiene	87-68-3				0.19	U	1	U	0.2	U	-	-	4	U	-	-
Hexachlorocyclopentadiene	77-47-4				0.55	U	2.8	U	0.58	U	-	-	12	U	-	-
Hexachloroethane	67-72-1				0.15	U	0.8	U	0.16	U	-	-	3.2	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	5.6	8.2	1.4		5.1		12	E	26		54		-	-
Isophorone	78-59-1				0.17	U	0.9	U	0.18	U	-	-	3.6	U	-	-
n-Nitrosodi-n-propylamine	621-64-7				0.19	U	1	U	0.2	U	-	-	4	U	-	-
Naphthalene	91-20-3	12	500	12	0.16	J	0.97	J	3.3		-	-	28		-	-
NDPA/DPA	86-30-6				0.15	U	0.8	U	0.16	U	-	-	3.2	U	-	-
Nitrobenzene	98-95-3				0.17	U	0.9	U	0.18	U	-	-	3.6	U	-	-
p-Chloro-m-cresol	59-50-7				0.19	U	1	U	0.2	U	-	-	4	U	-	-
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.15	U	0.8	U	0.16	U	-	-	3.2	U	-	-
Phenanthrene	85-01-8	100	500	1000	1.9		7		19	E	51		160		160	E
Phenol	108-95-2	0.33	500	0.33	0.19	U	1	U	0.17	J	-	-	0.62	J	-	-
Pyrene	129-00-0	100	500	1000	2.8		11		19	E	68		160		160	E
Chlorinated Herbicides by GC					Chlorinated Herbicides by GC											
2,4,5-T	93-76-5				0.189	U	0.197	U	0.199	U	-	-	0.213	U	-	-
2,4,5-TP (Silvex)	93-72-1	3.8	500	3.8	0.189	U	0.197	U	0.199	U	-	-	0.213	U	-	-
2,4-D	94-75-7				0.189	U	0.197	U	0.199	U	-	-	0.213	U	-	-
Organochlorine Pesticides by GC					Organochlorine Pesticides by GC											
4,4'-DDD	72-54-8	0.0033	92	14	0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
4,4'-DDE	72-55-9	0.0033	62	17	0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
4,4'-DDT	50-29-3	0.0033	47	136	0.00214	IP	0.00194	U	0.016	IP	-	-	0.0352	IP	-	-
Aldrin	309-00-2	0.005	0.68	0.19	0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
Alpha-BHC	319-84-6	0.02	3.4	0.02	0.000742	U	0.000808	U	0.000778	U	-	-	0.000862	U	-	-
Beta-BHC	319-85-7	0.036	3	0.09	0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
Chlordane	57-74-9				0.0148	U	0.0162	U	0.0156	U	-	-	0.0172	U	-	-
cis-Chlordane	5103-71-9	0.094	24	2.9	0.00105	J	0.00242	U	0.00234	U	-	-	0.00259	U	-	-
Delta-BHC	319-86-8	0.04	500	0.25	0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
Dieldrin	60-57-1	0.005	1.4	0.1	0.00111	U	0.00121	U	0.00117	U	-	-	0.00129	U	-	-
Endosulfan I	959-98-8	2.4	200	102	0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
Endosulfan II	33213-65-9	2.4	200	102	0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
Endosulfan sulfate	1031-07-8	2.4	200	1000	0.000742	U	0.000808	U	0.000778	U	-	-	0.000862	U	-	-
Endrin	72-20-8	0.014	89	0.06	0.000742	U	0.000808	U	0.000778	U	-	-	0.000862	U	-	-
Endrin aldehyde	7421-93-4				0.00223	U	0.00242	U	0.00234	U	-	-	0.00259	U	-	-
Endrin ketone	53494-70-5				0.00178	U	0.00194	U	0.00187	U	-	-	0.00207	U	-	-
Heptachlor	76-44-8	0.042	15	0.38	0.00089	U	0.00097	U	0.000934	U	-	-	0.00103	U	-	-
Heptachlor epoxide	1024-57-3				0.00334	U	0.00364	U	0.0035	U	-	-	0.00388	U	-	-
Lindane	58-89-9	0.1	9.2	0.1	0.000742	U	0.000808	U	0.000778	U	-	-	0.000862	U	-	-
Methoxychlor	72-43-5				0.00334	U	0.00364	U	0.0035	U	-	-	0.00388	U	-	-
Toxaphene	8001-35-2				0.0334	U	0.0364	U	0.035	U	-	-	0.0388	U	-	-

Surface Soil Investigation
1153-69 West Fayette Street, Syracuse, New York

LOCATION					SS-101		SS-102		SS-103		SS-103		SS-104		SS-104	
SAMPLING DATE					9/15/2023		9/15/2023		9/15/2023		9/15/2023		9/15/2023		9/15/2023	
LAB SAMPLE ID					L2354034-01		L2354034-02		L2354034-03		L2354034-03 R1		L2354034-04		L2354034-04 R2	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)					0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Analyte	CasNum	Unrestricted Use SCO	Commercial Use SCO	Protection of Groundwater	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-Chlordane	5103-74-2				0.00223	U	0.00242	U	0.00234	U	-	-	0.00259	U	-	-
Polychlorinated Biphenyls by GC					Polychlorinated Biphenyls by GC											
Aroclor 1016	12674-11-2	0.1	1	3.2	0.0546	U	0.0581	U	0.0591	U	-	-	0.064	U	-	-
Aroclor 1221	11104-28-2	0.1	1	3.2	0.0546	U	0.0581	U	0.0591	U	-	-	0.064	U	-	-
Aroclor 1232	11141-16-5	0.1	1	3.2	0.0546	U	0.0581	U	0.0591	U	-	-	0.064	U	-	-
Aroclor 1242	53469-21-9	0.1	1	3.2	0.0546	U	0.0581	U	0.0591	U	-	-	0.064	U	-	-
Aroclor 1248	12672-29-6	0.1	1	3.2	0.0546	U	0.0581	U	0.0591	U	-	-	0.064	U	-	-
Aroclor 1254	11097-69-1	0.1	1	3.2	0.0546	U	0.0581	U	0.0591	U	-	-	0.064	U	-	-
Aroclor 1260	11096-82-5	0.1	1	3.2	0.0444	<i>J</i>	0.219		0.299		-	-	0.0697	<i>IP</i>	-	-
Aroclor 1262	37324-23-5	0.1	1	3.2	0.0546	U	0.0581	U	0.0591	U	-	-	0.064	U	-	-
Aroclor 1268	11100-14-4	0.1	1	3.2	0.0241	<i>J</i>	0.138		0.216		-	-	0.119		-	-
PCBs, Total	1336-36-3	0.1	1	3.2	0.0685	<i>J</i>	0.357		0.515		-	-	0.189		-	-
Total Metals					Total Metals											
Arsenic, Total	7440-38-2	13	16	16	2.84		7.75		27.4		-	-	221		-	-
Barium, Total	7440-39-3	350	400	820	69.2		248		149		-	-	174		-	-
Beryllium, Total	7440-41-7	7.2	590	47	0.097	<i>J</i>	0.591		0.73		-	-	0.701		-	-
Cadmium, Total	7440-43-9	2.5	9.3	7.5	0.593		1.06		0.851		-	-	3.38		-	-
Chromium, Total	7440-47-3				13.8		16.7		54.3		-	-	33.4		-	-
Chromium, Hexavalent	18540-29-9	1	400	19	0.937	U	0.972	U	0.988	U	-	-	1.04	U	-	-
Chromium, Trivalent	16065-83-1	30	1500		13.8		16.7		54.3		-	-	33.4		-	-
Copper, Total	7440-50-8	50	270	1720	29		4070		162		-	-	105		-	-
Cyanide, Total	57-12-5	27	27	40	0.34	<i>J</i>	1.2	U	1.8		-	-	1	<i>J</i>	-	-
Lead, Total	7439-92-1	63	1000	450	91.9		260		286		-	-	338		-	-
Manganese, Total	7439-96-5	1600	10000	2000	292		167		197		-	-	418		-	-
Mercury, Total	7439-97-6	0.18	2.8	0.73	0.16		0.287		0.267		-	-	4.12		-	-
Nickel, Total	7440-02-0	30	310	130	10		10.1		22.2		-	-	27.8		-	-
Selenium, Total	7782-49-2	3.9	1500	4	0.933	U	0.129	<i>J</i>	3.3		-	-	31.6		-	-
Silver, Total	7440-22-4	2	1500	8.3	0.233	U	0.143	<i>J</i>	0.206	<i>J</i>	-	-	0.738		-	-
Zinc, Total	7440-66-6	109	10000	2480	193		1020		308		-	-	1170		-	-

Notes:

All values are reported in mg/kg unless otherwise indicated.

Definitions:

Unrestricted Use SCO	- New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Commercial Use SCO	- New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Groundwater Criteria	- New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Bolded & Italicized	- Indicates analyte detected at concentrations greater than laboratory detection limits.
Color Highlighted	- Indicates analyte exceeds the respective standard/guideline value.
Gray Highlighted	- Indicates the laboratory detection limit exceeds the respective standard/guideline value.
Red Outline	- Indicates analyte exceeds the respective groundwater criteria. Groundwater criteria are only applied if the analyte in question was detected in groundwater.

U

- Not detected at the reported detection limit for the sample.

J

- Estimated value.

E

- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

I

- The lower value for the two columns has been reported due to obvious interference.

P

- The RPD between the results for the two columns exceeds the method-specified criteria.

mg/kg

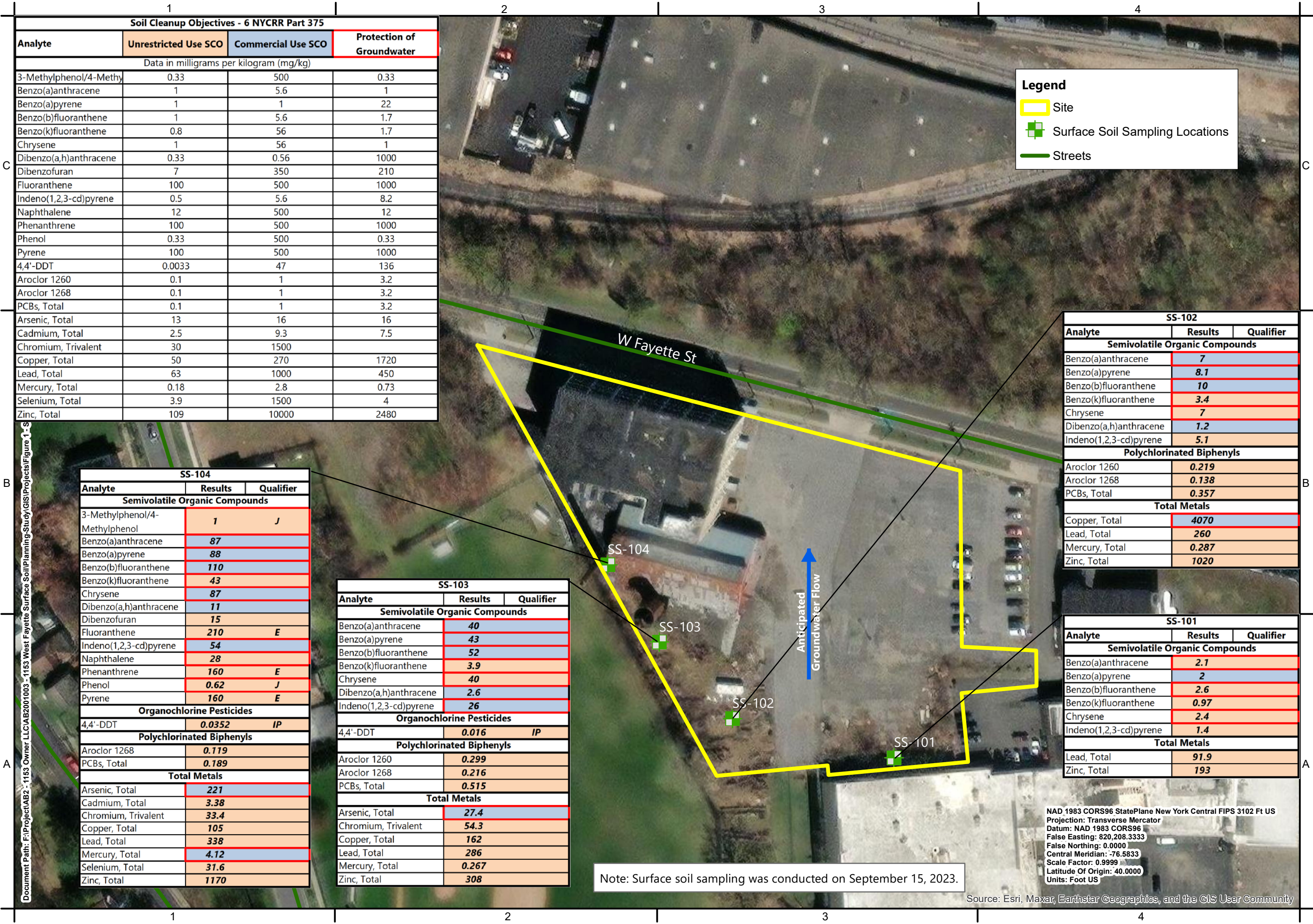
- Milligrams per kilogram

ft

- Feet

SCO

- Soil cleanup objective



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499 Col. Ellen Collins Blvd.
Syracuse, New York 13212
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0 80 Feet
1 inch = 83 feet

Surface Soil Investigation
1153-69 West Fayette Street, Syracuse, New York

PROJECT NO: AB2.001.003
DATE: January 2024
SCALE: AS SHOWN
DRAWN BY:
DESIGNED BY:
CHECKED BY:
Modified: 1/20/24 @ 9:02 AM

Surface
Soil Data

Figure 1