

587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Lab Sample Id
Collection Date
Client Id
Matrix

CS98011
4/2/2025
IMPORT SOIL
Soil

CAS	Units	NY-GWP	NY-Res.	Result	RL
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Percent Solid	PHNX - PCTOLID	%			88	
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg	19	22	< 0.42	0.42
Methylacetate	79-20-9	ug/Kg			< 4.6	4.6
pH at 21C - Soil	PHNX - PH	pH Units			8.04	1.00
Redox Potential	PHNX - REDOX	mV			186	
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg	40	27	< 0.57	0.57

Arsenic	7440-38-2	mg/Kg	16	16	3.41	0.71
Barium	7440-39-3	mg/Kg	820	350	43.9	0.36
Beryllium	7440-41-7	mg/Kg	47	14	0.39	0.28
Cadmium	7440-43-9	mg/Kg	7.5	2.5	< 0.36	0.36
Chromium	7440-47-3	mg/Kg			15	0.36
Copper	7440-50-8	mg/kg	1,720	270	19.9	0.7
Lead	7439-92-1	mg/Kg	450	400	18.6	0.36
Manganese	7439-96-5	mg/Kg	2,000	2,000	317	0.36
Mercury	7439-97-6	mg/Kg	0.73	0.81	< 0.23	0.23
Nickel	7440-02-0	mg/Kg	130	140	11.9	0.36
Selenium	7782-49-2	mg/Kg	4	36	< 1.4	1.4
Silver	7440-22-4	mg/Kg	8.3	36	< 0.36	0.36
Trivalent Chromium	16065-83-1	mg/kg		36	15	0.36
Zinc	7440-66-6	mg/Kg	2,480	2,200	37.5	0.7

PCBs By SW8082A

PCB-1016	12674-11-2	ug/Kg	1,000	< 380	380
PCB-1221	11104-28-2	ug/Kg	1,000	< 380	380
PCB-1232	11141-16-5	ug/Kg	1,000	< 380	380
PCB-1242	53469-21-9	ug/Kg	1,000	< 380	380
PCB-1248	12672-29-6	ug/Kg	1,000	< 380	380
PCB-1254	11097-69-1	ug/Kg	1,000	< 380	380
PCB-1260	11096-82-5	ug/Kg	1,000	< 380	380
PCB-1262	37324-23-5	ug/Kg		< 380	380
PCB-1268	11100-14-4	ug/Kg		< 380	380
Volatiles By SW8260D					
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg		< 4.6	4.6
1,1,1-Trichloroethane	71-55-6	ug/Kg	680 100,000	< 4.6	4.6
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg		< 480	480
1,1,2-Trichloroethane	79-00-5	ug/Kg		< 4.6	4.6
1,1-Dichloroethane	75-34-3	ug/Kg	270 19,000	< 4.6	4.6
1,1-Dichloroethene	75-35-4	ug/Kg	330 100,000	< 4.6	4.6
1,1-Dichloropropene	563-58-6	ug/Kg		< 4.6	4.6
1,2,3-Trichlorobenzene	87-61-6	ug/Kg		< 480	480
1,2,3-Trichloropropane	96-18-4	ug/Kg		< 480	480
1,2,4-Trichlorobenzene	120-82-1	ug/Kg		< 480	480
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	3,600 47,000	< 480	480
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg		< 480	480
1,2-Dibromoethane	106-93-4	ug/Kg		< 4.6	4.6
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,100 100,000	< 480	480
1,2-Dichloroethane	107-06-2	ug/Kg	20 2,300	< 4.6	4.6
1,2-Dichloropropane	78-87-5	ug/Kg		< 4.6	4.6
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	8,400 47,000	< 480	480
1,3-Dichlorobenzene	541-73-1	ug/Kg	2,400 17,000	< 480	480
1,3-Dichloropropane	142-28-9	ug/Kg		< 4.6	4.6
1,4-Dichlorobenzene	106-46-7	ug/Kg	1,800 9,800	< 480	480
2,2-Dichloropropane	594-20-7	ug/Kg		< 4.6	4.6
2-Chlorotoluene	95-49-8	ug/Kg		< 480	480
2-Hexanone	591-78-6	ug/Kg		< 23	23

2-Isopropyltoluene	527-84-4	ug/Kg			< 480	480
4-Chlorotoluene	106-43-4	ug/Kg			< 480	480
4-Methyl-2-pentanone	108-10-1	ug/Kg			< 23	23
Acetone	67-64-1	ug/Kg	50	100,000	< 23	23
Acrylonitrile	107-13-1	ug/Kg			< 18	18
Benzene	71-43-2	ug/Kg	60	2,900	< 4.6	4.6
Bromobenzene	108-86-1	ug/Kg			< 480	480
Bromochloromethane	74-97-5	ug/Kg			< 4.6	4.6
Bromodichloromethane	75-27-4	ug/Kg			< 4.6	4.6
Bromoform	75-25-2	ug/Kg			< 4.6	4.6
Bromomethane	74-83-9	ug/Kg			< 4.6	4.6
Carbon Disulfide	75-15-0	ug/Kg			< 4.6	4.6
Carbon tetrachloride	56-23-5	ug/Kg	760	1,400	< 4.6	4.6
Chlorobenzene	108-90-7	ug/Kg	1,100	100,000	< 4.6	4.6
Chloroethane	75-00-3	ug/Kg			< 4.6	4.6
Chloroform	67-66-3	ug/Kg	370	10,000	< 4.6	4.6
Chloromethane	74-87-3	ug/Kg			< 4.6	4.6
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	59,000	< 4.6	4.6
cis-1,3-Dichloropropene	10061-01-5	ug/Kg			< 4.6	4.6
Dibromochloromethane	124-48-1	ug/Kg			< 4.6	4.6
Dibromomethane	74-95-3	ug/Kg			< 4.6	4.6
Dichlorodifluoromethane	75-71-8	ug/Kg			< 4.6	4.6
Ethylbenzene	100-41-4	ug/Kg	1,000	30,000	< 4.6	4.6
Hexachlorobutadiene	87-68-3	ug/Kg			< 480	480
Isopropylbenzene	98-82-8	ug/Kg			< 480	480
m&p-Xylene	179601-23-1	ug/Kg			< 4.6	4.6
Methyl Ethyl Ketone	78-93-3	ug/Kg	120	100,000	< 23	23
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	930	62,000	< 9.2	9.2
Methylene chloride	75-09-2	ug/Kg	50	51,000	< 9.2	9.2
Naphthalene	91-20-3	ug/Kg	12,000	100,000	< 480	480
n-Butylbenzene	104-51-8	ug/Kg	12,000	100,000	< 480	480
n-Propylbenzene	103-65-1	ug/Kg	3,900	100,000	< 480	480
o-Xylene	95-47-6	ug/Kg			< 4.6	4.6
p-Isopropyltoluene	99-87-6	ug/Kg			< 480	480

sec-Butylbenzene	135-98-8	ug/Kg	11,000	100,000	< 480	480
Styrene	100-42-5	ug/Kg			< 4.6	4.6
tert-Butylbenzene	98-06-6	ug/Kg	5,900	100,000	< 480	480
Tetrachloroethene	127-18-4	ug/Kg	1,300	5,500	< 4.6	4.6
Tetrahydrofuran (THF)	109-99-9	ug/Kg			< 9.2	9.2
Toluene	108-88-3	ug/Kg	700	100,000	< 4.6	4.6
Total Xylenes	1330-20-7	ug/Kg	1,600		< 4.6	4.6
trans-1,2-Dichloroethene	156-60-5	ug/Kg	190	100,000	< 4.6	4.6
trans-1,3-Dichloropropene	10061-02-6	ug/Kg			< 4.6	4.6
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg			< 970	970
Trichloroethene	79-01-6	ug/Kg	470	10,000	< 4.6	4.6
Trichlorofluoromethane	75-69-4	ug/Kg			< 4.6	4.6
Trichlorotrifluoroethane	76-13-1	ug/Kg			< 4.6	4.6
Vinyl chloride	75-01-4	ug/Kg	20	210	< 4.6	4.6
Acrolein	107-02-8	ug/Kg			< 4.6	4.6
Tert-butyl alcohol	75-65-0	ug/Kg			< 92	92

Semivolatiles By SW8270E

1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg			< 260	260
1,2,4-Trichlorobenzene	120-82-1	ug/Kg			< 260	260
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,100	100,000	< 260	260
1,2-Diphenylhydrazine	122-66-7	ug/Kg			< 370	370
1,3-Dichlorobenzene	541-73-1	ug/Kg	2,400	17,000	< 260	260
1,4-Dichlorobenzene	106-46-7	ug/Kg	1,800	9,800	< 260	260
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg			< 260	260
2,4,5-Trichlorophenol	95-95-4	ug/Kg			< 260	260
2,4,6-Trichlorophenol	88-06-2	ug/Kg			< 260	260
2,4-Dichlorophenol	120-83-2	ug/Kg			< 260	260
2,4-Dimethylphenol	105-67-9	ug/Kg			< 260	260
2,4-Dinitrophenol	51-28-5	ug/Kg			< 370	370
2,4-Dinitrotoluene	121-14-2	ug/Kg			< 260	260
2,6-Dinitrotoluene	606-20-2	ug/Kg			< 260	260
2-Chloronaphthalene	91-58-7	ug/Kg			< 260	260
2-Chlorophenol	95-57-8	ug/Kg			< 260	260

2-Methylnaphthalene	91-57-6	ug/Kg			< 260	260
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	330	100,000	< 260	260
2-Nitroaniline	88-74-4	ug/Kg			< 370	370
2-Nitrophenol	88-75-5	ug/Kg			< 260	260
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg			< 370	370
3,3'-Dichlorobenzidine	91-94-1	ug/Kg			< 260	260
3-Nitroaniline	99-09-2	ug/Kg			< 370	370
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg			< 370	370
4-Bromophenyl phenyl ether	101-55-3	ug/Kg			< 370	370
4-Chloro-3-methylphenol	59-50-7	ug/Kg			< 260	260
4-Chloroaniline	106-47-8	ug/Kg			< 260	260
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg			< 260	260
4-Nitroaniline	100-01-6	ug/Kg			< 600	600
4-Nitrophenol	100-02-7	ug/Kg			< 260	260
Acenaphthene	83-32-9	ug/Kg	98,000	100,000	< 260	260
Acenaphthylene	208-96-8	ug/Kg	107,000	100,000	< 260	260
Acetophenone	98-86-2	ug/Kg			< 260	260
Aniline	62-53-3	ug/Kg			< 370	370
Anthracene	120-12-7	ug/Kg	1,000,000	100,000	< 260	260
Benz(a)anthracene	56-55-3	ug/Kg	1,000	1,000	< 260	260
Benzidine	92-87-5	ug/Kg			< 260	260
Benzo(a)pyrene	50-32-8	ug/Kg	22,000	1,000	< 260	260
Benzo(b)fluoranthene	205-99-2	ug/Kg	1,700	1,000	< 260	260
Benzo(ghi)perylene	191-24-2	ug/Kg	1,000,000	100,000	< 260	260
Benzo(k)fluoranthene	207-08-9	ug/Kg	1,700	1,000	< 260	260
Benzoic acid	65-85-0	ug/Kg			< 750	750
Benzyl butyl phthalate	85-68-7	ug/Kg			< 260	260
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg			< 260	260
Bis(2-chloroethyl)ether	111-44-4	ug/Kg			< 370	370
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg			< 370	370
Carbazole	86-74-8	ug/Kg			< 370	370
Chrysene	218-01-9	ug/Kg	1,000	1,000	< 260	260
Dibenz(a,h)anthracene	53-70-3	ug/Kg	1,000,000	330	< 260	260
Dibenzofuran	132-64-9	ug/Kg	210,000	14,000	< 260	260

Diethyl phthalate	84-66-2	ug/Kg			< 260	260
Dimethylphthalate	131-11-3	ug/Kg			< 260	260
Di-n-butylphthalate	84-74-2	ug/Kg			< 370	370
Di-n-octylphthalate	117-84-0	ug/Kg			< 260	260
Fluoranthene	206-44-0	ug/Kg	1,000,000	100,000	< 260	260
Fluorene	86-73-7	ug/Kg	386,000	100,000	< 260	260
Hexachlorobenzene	118-74-1	ug/Kg	3,200	330	< 260	260
Hexachlorobutadiene	87-68-3	ug/Kg			< 260	260
Hexachlorocyclopentadiene	77-47-4	ug/Kg			< 260	260
Hexachloroethane	67-72-1	ug/Kg			< 260	260
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	8,200	500	< 260	260
Isophorone	78-59-1	ug/Kg			< 260	260
Naphthalene	91-20-3	ug/Kg	12,000	100,000	< 260	260
Nitrobenzene	98-95-3	ug/Kg			< 260	260
N-Nitrosodimethylamine	62-75-9	ug/Kg			< 370	370
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg			< 260	260
N-Nitrosodiphenylamine	86-30-6	ug/Kg			< 370	370
Pentachloronitrobenzene	82-68-8	ug/Kg			< 370	370
Pentachlorophenol	87-86-5	ug/Kg	800	2,400	< 370	370
Phenanthrene	85-01-8	ug/Kg	1,000,000	100,000	< 260	260
Phenol	108-95-2	ug/Kg	330	100,000	< 260	260
Pyrene	129-00-0	ug/Kg	1,000,000	100,000	< 260	260
Pyridine	110-86-1	ug/Kg			< 370	370

Pesticides - Soil By SW8081B

4,4' -DDD	72-54-8	ug/Kg	14,000	2,600	< 2.3	2.3
4,4' -DDE	72-55-9	ug/Kg	17,000	1,800	12	2.3
4,4' -DDT	50-29-3	ug/Kg	136,000	1,700	7.3	2.3
a-BHC	319-84-6	ug/Kg	20	97	< 7.5	7.5
a-Chlordane	5103-71-9	ug/Kg	2,900	910	< 3.8	3.8
Aldrin	309-00-2	ug/Kg	190	19	< 3.8	3.8
b-BHC	319-85-7	ug/Kg	90	72	< 7.5	7.5
Chlordane	57-74-9	ug/Kg			< 38	38
d-BHC	319-86-8	ug/Kg	250	100,000	< 7.5	7.5

Dieldrin	60-57-1	ug/Kg	100	39	4.8	3.8
Endosulfan I	959-98-8	ug/Kg	102,000	4,800	< 7.5	7.5
Endosulfan II	33213-65-9	ug/Kg	102,000	4,800	< 7.5	7.5
Endosulfan sulfate	1031-07-8	ug/Kg	1,000,000	4,800	< 7.5	7.5
Endrin	72-20-8	ug/Kg	60	2,200	< 7.5	7.5
Endrin aldehyde	7421-93-4	ug/Kg			< 7.5	7.5
Endrin ketone	53494-70-5	ug/Kg			< 7.5	7.5
g-BHC	58-89-9	ug/Kg	100	280	< 1.5	1.5
g-Chlordane	5103-74-2	ug/Kg			< 3.8	3.8
Heptachlor	76-44-8	ug/Kg	380	420	< 7.5	7.5
Heptachlor epoxide	1024-57-3	ug/Kg			< 7.5	7.5
Methoxychlor	72-43-5	ug/Kg			< 38	38
Toxaphene	8001-35-2	ug/Kg			< 150	150
Chlorinated Herbicides By SW8151A						
2,4,5-T	93-76-5	ug/Kg			< 140	140
2,4,5-TP (Silvex)	93-72-1	ug/Kg	3,800	58,000	< 140	140
2,4-D	94-75-7	ug/Kg			< 280	280
2,4-DB	94-82-6	ug/Kg			< 2800	2,800
Dalapon	75-99-0	ug/Kg			< 140	140
Dicamba	1918-00-9	ug/Kg			< 140	140
Dichloroprop	120-36-5	ug/Kg			< 280	280
Dinoseb	88-85-7	ug/Kg			< 280	280
Additional Semi-Volatile Compounds By SW8270E						
1,1-Biphenyl	92-52-4	ug/Kg			< 260	260
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg			< 260	260
Atrazine	1912-24-9	ug/Kg			< 150	150
Benzaldehyde	100-52-7	ug/Kg			< 260	260
Benzo(a)pyrene	50-32-8	ug/Kg	22,000	1,000	< 260	260
Caprolactam	105-60-2	ug/Kg			< 150	150
1,4-dioxane By SW8260D						
1,4-dioxane	123-91-1	ug/kg	100	9,800	< 69	69

Result Detected



RL Exceeds Criteria



Result Exceeds Criteria

