284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	MH-K/LMS	SDG No.:	Q2392
Lab Sample ID:	Q2394-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142843.D	1	06/24/25 13:00	06/25/25 18:04	PB168601

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	850		110	230	ug/Kg
108-95-2	Phenol	910		15.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		16.9	120	ug/Kg
95-57-8	2-Chlorophenol	940		16.9	120	ug/Kg
95-48-7	2-Methylphenol	930		20.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		26.0	120	ug/Kg
98-86-2	Acetophenone	950		20.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	940		28.5	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		32.9	55.6	ug/Kg
67-72-1	Hexachloroethane	920		12.2	120	ug/Kg
98-95-3	Nitrobenzene	950		12.7	120	ug/Kg
78-59-1	Isophorone	940		22.8	120	ug/Kg
88-75-5	2-Nitrophenol	990		40.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	930		45.0	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		21.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	950		19.7	120	ug/Kg
91-20-3	Naphthalene	950		15.8	120	ug/Kg
106-47-8	4-Chloroaniline	270		24.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	950		17.6	120	ug/Kg
105-60-2	Caprolactam	950		36.2	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		19.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	940		17.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800		80.6	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	950		13.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940		20.2	120	ug/Kg
92-52-4	1,1-Biphenyl	970		15.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	960		15.6	120	ug/Kg
88-74-4	2-Nitroaniline	920		33.4	120	ug/Kg
131-11-3	Dimethylphthalate	970		18.8	120	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	940		20.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		23.3	120	ug/Kg
99-09-2	3-Nitroaniline	480		31.9	120	ug/Kg
83-32-9	Acenaphthene	1000		14.8	120	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	230	ug/Kg
100-02-7	4-Nitrophenol	1500		74.3	230	ug/Kg
132-64-9	Dibenzofuran	920		15.8	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		34.8	120	ug/Kg
84-66-2	Diethylphthalate	950		19.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		18.5	120	ug/Kg
86-73-7	Fluorene	900		17.6	120	ug/Kg
100-01-6	4-Nitroaniline	800		44.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	950		71.5	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		22.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		19.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		17.6	120	ug/Kg
1912-24-9	Atrazine	1100		23.6	120	ug/Kg
87-86-5	Pentachlorophenol	1700		35.6	230	ug/Kg
85-01-8	Phenanthrene	950		14.5	120	ug/Kg
120-12-7	Anthracene	940		23.1	120	ug/Kg
86-74-8	Carbazole	860		21.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		33.3	120	ug/Kg
206-44-0	Fluoranthene	830		20.8	120	ug/Kg
129-00-0	Pyrene	620		25.0	120	ug/Kg
85-68-7	Butylbenzylphthalate	930		49.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	380		25.5	230	ug/Kg
56-55-3	Benzo(a)anthracene	960		16.0	120	ug/Kg
218-01-9	Chrysene	990		13.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		41.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		60.3	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		13.2	120	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1000		15.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		20.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560		20.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570		19.0	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490		17.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	980		17.8	120	ug/Kg
123-91-1	1,4-Dioxane	820		31.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		19.0	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	94.0		18 - 112	63%	SPK: 150
13127-88-3	Phenol-d6	95.7		15 - 107	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.3		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.9		20 - 109	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	88.4		10 - 116	59%	SPK: 150
1718-51-0	Terphenyl-d14	38.6		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	88500	6.875			
1146-65-2	Naphthalene-d8	329000	8.163			
15067-26-2	Acenaphthene-d10	166000	9.922			
1517-22-2	Phenanthrene-d10	228000	11.41			
1719-03-5	Chrysene-d12	166000	14.057			
1520-96-3	Perylene-d12	198000	15.545			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products