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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	07/17/25
Project:	Leon Avenue	Date Received:	07/18/25
Client Sample ID:	MH 2-1	SDG No.:	Q2651
Lab Sample ID:	Q2651-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	94.5
Sample Wt/Vol:	30.05 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
BF143171.D	1	07/21/25 09:30	07/21/25 15:00	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	350	ug/Kg
108-95-2	Phenol	23.3	U	23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.7	U	25.7	180	ug/Kg
95-57-8	2-Chlorophenol	25.8	U	25.8	180	ug/Kg
95-48-7	2-Methylphenol	31.6	U	31.6	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.6	U	39.6	180	ug/Kg
98-86-2	Acetophenone	31.2	U	31.2	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.4	U	43.4	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.1	U	50.1	84.5	ug/Kg
67-72-1	Hexachloroethane	18.6	U	18.6	180	ug/Kg
98-95-3	Nitrobenzene	19.3	U	19.3	180	ug/Kg
78-59-1	Isophorone	34.7	U	34.7	180	ug/Kg
88-75-5	2-Nitrophenol	61.5	U	61.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.5	U	68.5	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.5	U	32.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.9	U	29.9	180	ug/Kg
91-20-3	Naphthalene	24.0	U	24.0	180	ug/Kg
106-47-8	4-Chloroaniline	37.4	U	37.4	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.7	U	26.7	180	ug/Kg
105-60-2	Caprolactam	55.0	U	55.0	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.3	U	30.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.0	U	27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.9	U	20.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.7	U	30.7	180	ug/Kg
92-52-4	1,1-Biphenyl	23.0	U	23.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.8	U	23.8	180	ug/Kg
88-74-4	2-Nitroaniline	50.8	U	50.8	180	ug/Kg
131-11-3	Dimethylphthalate	28.6	U	28.6	180	ug/Kg

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208-96-8	Acenaphthylene	30.5	U	30.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.5	U	35.5	180	ug/Kg
99-09-2	3-Nitroaniline	48.6	U	48.6	180	ug/Kg
83-32-9	Acenaphthene	22.5	U	22.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	24.0	U	24.0	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.9	U	52.9	180	ug/Kg
84-66-2	Diethylphthalate	29.9	U	29.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.2	U	28.2	180	ug/Kg
86-73-7	Fluorene	26.7	U	26.7	180	ug/Kg
100-01-6	4-Nitroaniline	67.8	U	67.8	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.8	U	34.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.4	U	29.4	180	ug/Kg
118-74-1	Hexachlorobenzene	26.7	U	26.7	180	ug/Kg
1912-24-9	Atrazine	35.9	U	35.9	180	ug/Kg
87-86-5	Pentachlorophenol	54.2	UQ	54.2	350	ug/Kg
85-01-8	Phenanthrene	22.1	U	22.1	180	ug/Kg
120-12-7	Anthracene	35.2	U	35.2	180	ug/Kg
86-74-8	Carbazole	33.0	U	33.0	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	180	ug/Kg
206-44-0	Fluoranthene	31.7	U	31.7	180	ug/Kg
129-00-0	Pyrene	38.0	U	38.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.4	UQ	75.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.8	U	38.8	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.3	U	24.3	180	ug/Kg
218-01-9	Chrysene	21.0	U	21.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.5	U	62.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	91.7	U	91.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.1	U	20.1	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	23.7	U	23.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.2	U	31.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.7	U	30.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.9	U	28.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.2	U	27.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.0	U	27.0	180	ug/Kg
123-91-1	1,4-Dioxane	47.8	U	47.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.9	U	28.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	61.7		18 - 112	41%	SPK: 150
13127-88-3	Phenol-d6	61.9		15 - 107	41%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.0		18 - 107	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.6		20 - 109	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	56.7		10 - 116	38%	SPK: 150
1718-51-0	Terphenyl-d14	32.0		10 - 105	32%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.963			
1146-65-2	Naphthalene-d8	470000	8.239			
15067-26-2	Acenaphthene-d10	227000	9.998			
1517-22-2	Phenanthrene-d10	320000	11.48			
1719-03-5	Chrysene-d12	263000	14.116			
1520-96-3	Perylene-d12	209000	15.621			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	900	J		2.30	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		5.19	ug/Kg
000119-61-9	Benzophenone	130	J		10.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J		12.0	ug/Kg
074685-30-6	5-Eicosene, (E)-	190	J		14.0	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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