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

Report of Analysis

Client:	G Environmental	Date Collected:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.5	ug/L
108-95-2	Phenol	0.96	U	0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	5.30	ug/L
95-57-8	2-Chlorophenol	0.61	U	0.61	5.30	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.30	ug/L
98-86-2	Acetophenone	0.78	U	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.30	ug/L
98-95-3	Nitrobenzene	0.80	U	0.80	5.30	ug/L
78-59-1	Isophorone	0.79	U	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	1.90	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	0.55	U	0.55	5.30	ug/L
91-20-3	Naphthalene	0.53	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	0.57	U	0.57	5.30	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	0.62	U	0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	0.59	U	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	0.54	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	0.56	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.30	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.30	ug/L

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Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
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BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.79	U	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	0.97	U	0.97	5.30	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	0.58	U	0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	6.30	U	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.5	ug/L
132-64-9	Dibenzofuran	0.64	U	0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	0.73	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	0.72	5.30	ug/L
86-73-7	Fluorene	0.66	U	0.66	5.30	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	0.61	U	0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	0.55	U	0.55	5.30	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	1.70	U	1.70	10.5	ug/L
85-01-8	Phenanthrene	0.53	U	0.53	5.30	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.30	ug/L
86-74-8	Carbazole	0.76	U	0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	0.86	U	0.86	5.30	ug/L
129-00-0	Pyrene	0.53	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	0.98	U	0.98	10.5	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.71	U	0.71	5.30	ug/L

Alliance TECHNICAL GROUP
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	1.10	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	74.7		23 - 138	50%	SPK: 150
13127-88-3	Phenol-d6	47.9		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.6		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.0		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	69.4		42 - 152	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	180000	7.778			
1146-65-2	Naphthalene-d8	702000	10.543			
15067-26-2	Acenaphthene-d10	422000	14.39			
1517-22-2	Phenanthrene-d10	799000	17.195			
1719-03-5	Chrysene-d12	913000	21.642			
1520-96-3	Perylene-d12	1060000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	91.5	J		3.03	ug/L
000629-50-5	Tridecane	14.2	J		12.0	ug/L
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.00	J		12.9	ug/L
000629-59-4	Tetradecane	17.7	J		13.2	ug/L
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	8.80	J		13.9	ug/L
000544-76-3	Hexadecane	24.1	J		14.3	ug/L
000629-94-7	Heneicosane	12.3	J		14.9	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	25.6	J		15.3	ug/L
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	25.1	J		15.7	ug/L
000119-61-9	Benzophenone	8.80	J		15.8	ug/L
000629-78-7	Heptadecane	37.8	J		16.1	ug/L
002051-30-1	Octane, 2,6-dimethyl-	42.0	J		16.2	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000593-45-3	Octadecane	30.6	J		17.0	ug/L
001560-96-9	Tridecane, 2-methyl-	35.0	J		17.0	ug/L
074036-95-6	2-Bromotetradecane	8.70	J		17.6	ug/L
000629-92-5	Nonadecane	28.5	J		17.7	ug/L
000057-10-3	n-Hexadecanoic acid	11.5	J		18.1	ug/L
000112-95-8	Eicosane	23.3	J		18.4	ug/L
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	19.5	J		19.1	ug/L
000629-97-0	Docosane	13.2	J		19.7	ug/L

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