

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/10/25
Project:	MCUA - New Brunswick	Date Received:	11/10/25
Client Sample ID:	S-1	SDG No.:	Q3604
Lab Sample ID:	Q3604-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.8
Sample Wt/Vol:	50.02 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	110	U	1	110	240	ug/Kg	11/26/25 15:11	PB170735
108-95-2	Phenol	16.0	U	1	16.0	120	ug/Kg	11/26/25 15:11	PB170735
111-44-4	bis(2-Chloroethyl)ether	17.6	U	1	17.6	120	ug/Kg	11/26/25 15:11	PB170735
95-57-8	2-Chlorophenol	17.7	U	1	17.7	120	ug/Kg	11/26/25 15:11	PB170735
95-48-7	2-Methylphenol	21.7	U	1	21.7	120	ug/Kg	11/26/25 15:11	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	27.2	U	1	27.2	120	ug/Kg	11/26/25 15:11	PB170735
98-86-2	Acetophenone	21.4	U	1	21.4	120	ug/Kg	11/26/25 15:11	PB170735
65794-96-9	3+4-Methylphenols	29.8	U	1	29.8	240	ug/Kg	11/26/25 15:11	PB170735
621-64-7	n-Nitroso-di-n-propylamine	34.3	U	1	34.3	57.9	ug/Kg	11/26/25 15:11	PB170735
67-72-1	Hexachloroethane	12.7	U	1	12.7	120	ug/Kg	11/26/25 15:11	PB170735
98-95-3	Nitrobenzene	13.3	U	1	13.3	120	ug/Kg	11/26/25 15:11	PB170735
78-59-1	Isophorone	23.8	U	1	23.8	120	ug/Kg	11/26/25 15:11	PB170735
88-75-5	2-Nitrophenol	42.2	U	1	42.2	120	ug/Kg	11/26/25 15:11	PB170735
105-67-9	2,4-Dimethylphenol	46.9	U	1	46.9	120	ug/Kg	11/26/25 15:11	PB170735
111-91-1	bis(2-Chloroethoxy)methane	22.3	U	1	22.3	120	ug/Kg	11/26/25 15:11	PB170735
120-83-2	2,4-Dichlorophenol	20.5	U	1	20.5	120	ug/Kg	11/26/25 15:11	PB170735
91-20-3	Naphthalene	16.4	U	1	16.4	120	ug/Kg	11/26/25 15:11	PB170735
106-47-8	4-Chloroaniline	25.6	UQ	1	25.6	120	ug/Kg	11/26/25 15:11	PB170735
87-68-3	Hexachlorobutadiene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:11	PB170735
105-60-2	Caprolactam	37.7	U	1	37.7	240	ug/Kg	11/26/25 15:11	PB170735
59-50-7	4-Chloro-3-methylphenol	20.8	U	1	20.8	120	ug/Kg	11/26/25 15:11	PB170735
91-57-6	2-Methylnaphthalene	18.5	U	1	18.5	120	ug/Kg	11/26/25 15:11	PB170735
77-47-4	Hexachlorocyclopentadiene	84.0	U	1	84.0	240	ug/Kg	11/26/25 15:11	PB170735
88-06-2	2,4,6-Trichlorophenol	14.3	U	1	14.3	120	ug/Kg	11/26/25 15:11	PB170735
95-95-4	2,4,5-Trichlorophenol	21.1	U	1	21.1	120	ug/Kg	11/26/25 15:11	PB170735
92-52-4	1,1-Biphenyl	15.8	U	1	15.8	120	ug/Kg	11/26/25 15:11	PB170735
91-58-7	2-Chloronaphthalene	16.3	U	1	16.3	120	ug/Kg	11/26/25 15:11	PB170735
88-74-4	2-Nitroaniline	34.8	U	1	34.8	120	ug/Kg	11/26/25 15:11	PB170735
131-11-3	Dimethylphthalate	19.6	U	1	19.6	120	ug/Kg	11/26/25 15:11	PB170735
208-96-8	Acenaphthylene	20.9	U	1	20.9	120	ug/Kg	11/26/25 15:11	PB170735
606-20-2	2,6-Dinitrotoluene	24.3	U	1	24.3	120	ug/Kg	11/26/25 15:11	PB170735
99-09-2	3-Nitroaniline	33.3	UQ	1	33.3	120	ug/Kg	11/26/25 15:11	PB170735
83-32-9	Acenaphthene	15.4	U	1	15.4	120	ug/Kg	11/26/25 15:11	PB170735
51-28-5	2,4-Dinitrophenol	170	U	1	170	240	ug/Kg	11/26/25 15:11	PB170735
100-02-7	4-Nitrophenol	77.5	U	1	77.5	240	ug/Kg	11/26/25 15:11	PB170735
132-64-9	Dibenzofuran	16.4	U	1	16.4	120	ug/Kg	11/26/25 15:11	PB170735
121-14-2	2,4-Dinitrotoluene	36.3	U	1	36.3	120	ug/Kg	11/26/25 15:11	PB170735
84-66-2	Diethylphthalate	20.5	U	1	20.5	120	ug/Kg	11/26/25 15:11	PB170735
7005-72-3	4-Chlorophenyl-phenylether	19.3	U	1	19.3	120	ug/Kg	11/26/25 15:11	PB170735
86-73-7	Fluorene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:11	PB170735
100-01-6	4-Nitroaniline	46.5	U	1	46.5	120	ug/Kg	11/26/25 15:11	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	74.6	U	1	74.6	240	ug/Kg	11/26/25 15:11	PB170735

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Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	23.8	U	1	23.8	120	ug/Kg	11/26/25 15:11	PB170735
101-55-3	4-Bromophenyl-phenylether	20.1	U	1	20.1	120	ug/Kg	11/26/25 15:11	PB170735
118-74-1	Hexachlorobenzene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:11	PB170735
1912-24-9	Atrazine	24.6	U	1	24.6	120	ug/Kg	11/26/25 15:11	PB170735
87-86-5	Pentachlorophenol	37.2	U	1	37.2	240	ug/Kg	11/26/25 15:11	PB170735
85-01-8	Phenanthrene	15.1	U	1	15.1	120	ug/Kg	11/26/25 15:11	PB170735
120-12-7	Anthracene	24.1	U	1	24.1	120	ug/Kg	11/26/25 15:11	PB170735
86-74-8	Carbazole	22.6	U	1	22.6	120	ug/Kg	11/26/25 15:11	PB170735
84-74-2	Di-n-butylphthalate	34.7	U	1	34.7	120	ug/Kg	11/26/25 15:11	PB170735
206-44-0	Fluoranthene	58.4	J	1	21.7	120	ug/Kg	11/26/25 15:11	PB170735
129-00-0	Pyrene	26.1	U	1	26.1	120	ug/Kg	11/26/25 15:11	PB170735
85-68-7	Butylbenzylphthalate	51.7	U	1	51.7	120	ug/Kg	11/26/25 15:11	PB170735
91-94-1	3,3-Dichlorobenzidine	26.6	U	1	26.6	240	ug/Kg	11/26/25 15:11	PB170735
56-55-3	Benzo(a)anthracene	16.7	U	1	16.7	120	ug/Kg	11/26/25 15:11	PB170735
218-01-9	Chrysene	14.4	U	1	14.4	120	ug/Kg	11/26/25 15:11	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	42.9	U	1	42.9	120	ug/Kg	11/26/25 15:11	PB170735
117-84-0	Di-n-octyl phthalate	62.9	U	1	62.9	240	ug/Kg	11/26/25 15:11	PB170735
205-99-2	Benzo(b)fluoranthene	13.8	U	1	13.8	120	ug/Kg	11/26/25 15:11	PB170735
207-08-9	Benzo(k)fluoranthene	16.2	U	1	16.2	120	ug/Kg	11/26/25 15:11	PB170735
50-32-8	Benzo(a)pyrene	21.4	U	1	21.4	120	ug/Kg	11/26/25 15:11	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	21.1	U	1	21.1	120	ug/Kg	11/26/25 15:11	PB170735
53-70-3	Dibenzo(a,h)anthracene	19.8	U	1	19.8	120	ug/Kg	11/26/25 15:11	PB170735
191-24-2	Benzo(g,h,i)perylene	18.6	U	1	18.6	120	ug/Kg	11/26/25 15:11	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	18.5	U	1	18.5	120	ug/Kg	11/26/25 15:11	PB170735
123-91-1	1,4-Dioxane	32.7	U	1	32.7	120	ug/Kg	11/26/25 15:11	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	19.8	U	1	19.8	120	ug/Kg	11/26/25 15:11	PB170735

SURROGATES

367-12-4	2-Fluorophenol	68.0		30 (10) - 130 (105)	45%	SPK: 150
13127-88-3	Phenol-d6	69.5		30 (10) - 130 (103)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.7		30 (10) - 130 (108)	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.3		30 (10) - 130 (108)	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	56.9		30 (10) - 130 (116)	38%	SPK: 150
1718-51-0	Terphenyl-d14	35.5		30 (10) - 130 (109)	36%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	56200
1146-65-2	Naphthalene-d8	209000
15067-26-2	Acenaphthene-d10	119000
1517-22-2	Phenanthrene-d10	182000
1719-03-5	Chrysene-d12	128000
1520-96-3	Perylene-d12	171000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	140	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	260	J	11.9	ug/Kg

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	Level: LOW	Test:	SVOC-TCL BNA -20
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	Final Vol: 1000 uL		
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000057-11-4	Octadecanoic acid	90.3	J			12.7	ug/Kg		
000112-95-8	Eicosane	210	J			13.8	ug/Kg		
1000351-83-5	Eicosyl heptafluorobutyrate	76.8	J			13.9	ug/Kg		
000630-01-3	Hexacosane	190	J			14.5	ug/Kg		
007683-64-9	Supraene	210	J			14.9	ug/Kg		
000593-45-3	Octadecane	140	J			15.1	ug/Kg		

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