

## 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-2                  | SDG No.:        | Q3604            |
| Lab Sample ID:     | Q3604-05             | Matrix:         | SOIL             |
| Analytical Method: | 8270E                | % Solid:        | 82.7             |
| Sample Wt/Vol:     | 50.07 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 |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 110   | U    | 1  | 110  | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 108-95-2       | Phenol                      | 16.0  | U    | 1  | 16.0 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 17.6  | U    | 1  | 17.6 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 95-57-8        | 2-Chlorophenol              | 17.7  | U    | 1  | 17.7 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 95-48-7        | 2-Methylphenol              | 21.7  | U    | 1  | 21.7 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27.2  | U    | 1  | 27.2 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 98-86-2        | Acetophenone                | 21.4  | U    | 1  | 21.4 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 65794-96-9     | 3+4-Methylphenols           | 29.8  | U    | 1  | 29.8 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 34.3  | U    | 1  | 34.3 | 58.0       | ug/Kg | 11/26/25 15:41 | PB170735     |
| 67-72-1        | Hexachloroethane            | 12.8  | U    | 1  | 12.8 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 98-95-3        | Nitrobenzene                | 13.3  | U    | 1  | 13.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 78-59-1        | Isophorone                  | 23.8  | U    | 1  | 23.8 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 88-75-5        | 2-Nitrophenol               | 42.2  | U    | 1  | 42.2 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 105-67-9       | 2,4-Dimethylphenol          | 46.9  | U    | 1  | 46.9 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 22.3  | U    | 1  | 22.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 120-83-2       | 2,4-Dichlorophenol          | 20.5  | U    | 1  | 20.5 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 91-20-3        | Naphthalene                 | 16.4  | U    | 1  | 16.4 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 106-47-8       | 4-Chloroaniline             | 25.6  | UQ   | 1  | 25.6 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 87-68-3        | Hexachlorobutadiene         | 18.3  | U    | 1  | 18.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 105-60-2       | Caprolactam                 | 37.7  | U    | 1  | 37.7 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 20.8  | U    | 1  | 20.8 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 91-57-6        | 2-Methylnaphthalene         | 18.5  | U    | 1  | 18.5 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 77-47-4        | Hexachlorocyclopentadiene   | 84.0  | U    | 1  | 84.0 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 14.3  | U    | 1  | 14.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 21.1  | U    | 1  | 21.1 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 92-52-4        | 1,1-Biphenyl                | 15.8  | U    | 1  | 15.8 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 91-58-7        | 2-Chloronaphthalene         | 16.3  | U    | 1  | 16.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 88-74-4        | 2-Nitroaniline              | 34.8  | U    | 1  | 34.8 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 131-11-3       | Dimethylphthalate           | 19.6  | U    | 1  | 19.6 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 208-96-8       | Acenaphthylene              | 20.9  | U    | 1  | 20.9 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 606-20-2       | 2,6-Dinitrotoluene          | 24.3  | U    | 1  | 24.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 99-09-2        | 3-Nitroaniline              | 33.3  | UQ   | 1  | 33.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 83-32-9        | Acenaphthene                | 15.4  | U    | 1  | 15.4 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 51-28-5        | 2,4-Dinitrophenol           | 170   | U    | 1  | 170  | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 100-02-7       | 4-Nitrophenol               | 77.5  | U    | 1  | 77.5 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 132-64-9       | Dibenzofuran                | 16.4  | U    | 1  | 16.4 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 121-14-2       | 2,4-Dinitrotoluene          | 36.3  | U    | 1  | 36.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 84-66-2        | Diethylphthalate            | 20.5  | U    | 1  | 20.5 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 19.3  | U    | 1  | 19.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 86-73-7        | Fluorene                    | 18.3  | U    | 1  | 18.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 100-01-6       | 4-Nitroaniline              | 46.5  | U    | 1  | 46.5 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 74.6  | U    | 1  | 74.6 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |

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| Client Sample ID:  | S-2                  | SDG No.:        | Q3604            |
| Lab Sample ID:     | Q3604-05             | Matrix:         | SOIL             |
| Analytical Method: | 8270E                | % Solid:        | 82.7             |
| Sample Wt/Vol:     | 50.07 g              | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541               |                 |                  |
|                    | Level: LOW           |                 |                  |
|                    | Final Vol: 1000 uL   |                 |                  |
|                    | Prep Date: 11/25/25  |                 |                  |

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|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 23.8  | U    | 1  | 23.8 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 20.1  | U    | 1  | 20.1 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 118-74-1   | Hexachlorobenzene          | 18.3  | U    | 1  | 18.3 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 1912-24-9  | Atrazine                   | 24.6  | U    | 1  | 24.6 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 87-86-5    | Pentachlorophenol          | 37.2  | U    | 1  | 37.2 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 85-01-8    | Phenanthrene               | 15.1  | U    | 1  | 15.1 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 120-12-7   | Anthracene                 | 24.1  | U    | 1  | 24.1 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 86-74-8    | Carbazole                  | 22.6  | U    | 1  | 22.6 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 84-74-2    | Di-n-butylphthalate        | 34.7  | U    | 1  | 34.7 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 206-44-0   | Fluoranthene               | 21.7  | U    | 1  | 21.7 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 129-00-0   | Pyrene                     | 26.1  | U    | 1  | 26.1 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 85-68-7    | Butylbenzylphthalate       | 51.7  | U    | 1  | 51.7 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 26.6  | U    | 1  | 26.6 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 56-55-3    | Benzo(a)anthracene         | 16.7  | U    | 1  | 16.7 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 218-01-9   | Chrysene                   | 14.4  | U    | 1  | 14.4 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 42.9  | U    | 1  | 42.9 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 117-84-0   | Di-n-octyl phthalate       | 62.9  | U    | 1  | 62.9 | 240        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 205-99-2   | Benzo(b)fluoranthene       | 13.8  | U    | 1  | 13.8 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 207-08-9   | Benzo(k)fluoranthene       | 16.2  | U    | 1  | 16.2 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 50-32-8    | Benzo(a)pyrene             | 21.4  | U    | 1  | 21.4 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 21.1  | U    | 1  | 21.1 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 19.9  | U    | 1  | 19.9 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 191-24-2   | Benzo(g,h,i)perylene       | 18.6  | U    | 1  | 18.6 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 18.5  | U    | 1  | 18.5 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 123-91-1   | 1,4-Dioxane                | 32.7  | U    | 1  | 32.7 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 19.9  | U    | 1  | 19.9 | 120        | ug/Kg | 11/26/25 15:41 | PB170735     |

### SURROGATES

|            |                      |      |  |                     |     |          |
|------------|----------------------|------|--|---------------------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 90.4 |  | 30 (10) - 130 (105) | 60% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 93.1 |  | 30 (10) - 130 (103) | 62% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 61.0 |  | 30 (10) - 130 (108) | 61% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 59.9 |  | 30 (10) - 130 (108) | 60% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 76.5 |  | 30 (10) - 130 (116) | 51% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 46.7 |  | 30 (10) - 130 (109) | 47% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 55400  |
| 1146-65-2  | Naphthalene-d8         | 213000 |
| 15067-26-2 | Acenaphthene-d10       | 115000 |
| 1517-22-2  | Phenanthrene-d10       | 177000 |
| 1719-03-5  | Chrysene-d12           | 127000 |
| 1520-96-3  | Perylene-d12           | 167000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                     |     |   |      |       |
|-------------|---------------------|-----|---|------|-------|
| 000119-61-9 | Benzophenone        | 160 | J | 10.6 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 240 | J | 11.9 | ug/Kg |

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| Lab Sample ID:     | Q3604-05             | Matrix:         | SOIL             |
| Analytical Method: | 8270E                | % Solid:        | 82.7             |
|                    | Level: LOW           | Test:           | SVOC-TCL BNA -20 |
| Sample Wt/Vol:     | 50.07 g              |                 |                  |
|                    | Final Vol: 1000 uL   |                 |                  |
| Prep Method :      | SW3541               |                 |                  |
|                    | Prep Date: 11/25/25  |                 |                  |

| CAS Number   | Parameter                          | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|--------------|------------------------------------|-------|------|----|-----|------------|-------|-----------|--------------|
| 000057-11-4  | Octadecanoic acid                  | 57.7  | J    |    |     | 12.7       | ug/Kg |           |              |
| 1000406-04-8 | Pentadecafluorooctanoic acid, octa | 150   | J    |    |     | 13.9       | 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