

## Report of Analysis

|                    |                 |                 |          |
|--------------------|-----------------|-----------------|----------|
| Client:            | G Environmental | Date Collected: | 05/23/25 |
| Project:           | Seely           | Date Received:  | 05/23/25 |
| Client Sample ID:  | GSB5            | SDG No.:        | Q2125    |
| Lab Sample ID:     | Q2125-05        | Matrix:         | Solid    |
| Analytical Method: | NJEPH           | % Solid:        | 87       |
| Sample Wt/Vol:     | 30.02           | Units:          | g        |
| Soil Aliquot Vol:  |                 |                 | uL       |
| Prep Method :      |                 | Test:           | EPH_F2   |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/28/25 09:35 | 05/29/25 11:33  | PB168182      |

Datafile

| CAS Number       | Parameter        | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|------------------|------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>   |                  |       |           |          |      |            |                   |            |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 226   |           | 5        | 5.22 | 23.0       | mg/kg             | FC069047.D |
| Total EPH        | Total EPH        | 226   |           |          | 5.22 | 23.0       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | G Environmental        | Date Collected: | 05/23/25             |
| Project:           | Seely                  | Date Received:  | 05/23/25             |
| Client Sample ID:  | GSB5                   | SDG No.:        | Q2125                |
| Lab Sample ID:     | Q2125-05               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 87                   |
| Sample Wt/Vol:     | 30.02      Units:    g | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH_F2               |
| Prep Method :      |                        |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC069037.D | 1         | 05/28/25    | 05/28/25        | PB168182      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 210   | E         | 1.04     | 4.60       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 3.91  |           | 1.36     | 2.30       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 39.3  |           | 40 - 140 | 79%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 38.5  |           | 40 - 140 | 77%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2125-05   | Acq On:            | 28 May 2025 18:31 |
| Client Sample ID: | GSB5       | Operator:          | YP/AJ             |
| Data file:        | FC069037.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 22                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.339  | 6.638  | 18297011  | 173.075 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.639  | 10.038 | 138896873 | 1360    | 200              | ug/ml |
| Aliphatic C16-C21         | 10.039 | 13.404 | 113499969 | 1160    | 300              | ug/ml |
| Aliphatic C21-C28         | 13.405 | 17.066 | 5084428   | 54.203  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.067 | 22.060 | 4816690   | 51.003  | 600              | ug/ml |
| Aliphatic EPH             | 3.339  | 22.060 | 280594971 | 2800    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.709 | 11.709 | 4750316   | 38.51   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.140 | 13.140 | 3522060   | 39.26   |                  | ug/ml |
| Aliphatic C9-C28          | 3.339  | 17.066 | 275778281 | 2750    | 1200             | ug/ml |