

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | G Environmental        | Date Collected: | 09/24/25             |
| Project:           | TGP                    | Date Received:  | 09/24/25             |
| Client Sample ID:  | RB104                  | SDG No.:        | Q3192                |
| Lab Sample ID:     | Q3192-01               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 94.8                 |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH                  |
| Prep Method :      |                        |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FG016648.D | 1         | 09/25/25    | 09/25/25        | PB169823      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 2.24  |           | 0.15     | 1.05       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 8.38  |           | 0.12     | 0.70       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 8.30  |           | 0.14     | 1.05       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 27.4  |           | 0.56     | 1.41       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 337   | E         | 1.24     | 2.11       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 42.9  |           | 40 - 140 | 86%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 1.24  |           | 40 - 140 | 2%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q3192-01   | Acq On:            | 25 Sep 2025 15:50 |
| Client Sample ID: | RB104      | Operator:          | YP\AJ             |
| Data file:        | FG016648.D | Misc:              |                   |
| Instrument:       | FID_G      | ALS Vial:          | 31                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.279  | 6.920  | 3687852   | 31.928  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.921  | 10.379 | 14383701  | 119.255 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.380 | 13.768 | 15276704  | 118.159 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.769 | 17.453 | 50308841  | 390.476 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.454 | 22.488 | 487307687 | 4800    | 600              | ug/ml |
| Aliphatic EPH             | 3.279  | 22.488 | 570964785 | 5460    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.047 | 12.047 | 176164    | 1.24    |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.505 | 13.505 | 4846190   | 42.94   |                  | ug/ml |
| Aliphatic C9-C28          | 3.279  | 17.453 | 83657098  | 659.818 | 1200             | ug/ml |