

## Report of Analysis

|                    |                 |                 |          |
|--------------------|-----------------|-----------------|----------|
| Client:            | G Environmental | Date Collected: | 03/27/25 |
| Project:           | Stockton        | Date Received:  | 03/28/25 |
| Client Sample ID:  | D2              | SDG No.:        | Q1675    |
| Lab Sample ID:     | Q1675-14        | Matrix:         | Solid    |
| Analytical Method: | NJEPH           | % Solid:        | 95.4     |
| Sample Wt/Vol:     | 30.06           | Units:          | g        |
| Soil Aliquot Vol:  |                 | Final Vol:      | 2000 uL  |
| Prep Method :      |                 | Test:           | EPH_NF   |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 03/31/25 08:56 | 03/31/25 20:45  | PB167381      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 4.58  |           | 1        | 1.23 | 2.09       | mg/kg FC068456.D  |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 328   |           | 10       | 9.51 | 41.9       | mg/kg FC068465.D  |
| Total AliphaticEPH | Total AliphaticEPH | 332   |           |          | 10.7 | 44.0       | mg/kg             |
| Total EPH          | Total EPH          | 332   |           |          | 10.7 | 44.0       | mg/kg             |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 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: | 03/27/25 |
| Project:           | Stockton        | Date Received:  | 03/28/25 |
| Client Sample ID:  | D2              | SDG No.:        | Q1675    |
| Lab Sample ID:     | Q1675-14        | Matrix:         | Solid    |
| Analytical Method: | NJEPH           | % Solid:        | 95.4     |
| Sample Wt/Vol:     | 30.06           | Units:          | g        |
| Soil Aliquot Vol:  |                 | Final Vol:      | 2000 uL  |
| Prep Method :      |                 | Test:           | EPH_NF   |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068456.D | 1         | 03/31/25    | 03/31/25        | PB167381      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 303   | E         | 0.95     | 4.19       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 4.58  |           | 1.23     | 2.09       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 33.8  |           | 40 - 140 | 68%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 34.0  |           | 40 - 140 | 68%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1675-14   | Acq On:            | 31 Mar 2025 20:45 |
| Client Sample ID: | D2         | Operator:          | YP/AJ             |
| Data file:        | FC068456.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          | 3.098  | 6.359  | 60976914  | 375.661 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.360  | 9.743  | 307191644 | 1830    | 200              | ug/ml |
| Aliphatic C16-C21         | 9.744  | 13.097 | 312787023 | 1820    | 300              | ug/ml |
| Aliphatic C21-C28         | 13.098 | 16.748 | 55475174  | 328.508 | 400              | ug/ml |
| Aliphatic C28-C40         | 16.749 | 21.546 | 8941509   | 65.663  | 600              | ug/ml |
| Aliphatic EPH             | 3.098  | 21.546 | 745372264 | 4420    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.391 | 11.391 | 6750631   | 33.99   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.832 | 12.832 | 5043806   | 33.83   |                  | ug/ml |
| Aliphatic C9-C28          | 3.098  | 16.748 | 736430755 | 4350    | 1200             | ug/ml |