

## Report of Analysis

|                    |                     |                 |              |
|--------------------|---------------------|-----------------|--------------|
| Client:            | G Environmental     | Date Collected: | 03/28/25     |
| Project:           | Stockton            | Date Received:  | 03/28/25     |
| Client Sample ID:  | K2                  | SDG No.:        | Q1675        |
| Lab Sample ID:     | Q1675-20            | Matrix:         | Solid        |
| Analytical Method: | NJEPH               | % Solid:        | 95.7         |
| Sample Wt/Vol:     | 30.08      Units: g | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                  | Test:           | EPH_F2       |
| Prep Method :      |                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 03/31/25 09:40 | 03/31/25 21:04  | PB167382      |

Datafile

| CAS Number       | Parameter        | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|------------------|------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>   |                  |       |           |          |      |            |                   |            |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 7.78  |           | 1        | 0.95 | 4.17       | mg/kg             | FE053083.D |
| Total EPH        | Total EPH        | 7.78  |           |          | 0.95 | 4.17       | 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

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| Soil Aliquot Vol:  |                 | Final Vol:      | 2000 uL  |
| Prep Method :      |                 | Test:           | EPH_F2   |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053083.D | 1         | 03/31/25    | 03/31/25        | PB167382      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 7.78  |           | 0.95     | 4.17       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 5.02  |           | 1.23     | 2.08       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 30.0  |           | 40 - 140 | 60%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 29.5  |           | 40 - 140 | 59%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1675-20   | Acq On:            | 31 Mar 2025 21:04 |
| Client Sample ID: | K2         | Operator:          | YP\AJ             |
| Data file:        | FE053083.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 23                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.141  | 6.784  | 667191   | 4.276   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.785  | 10.235 | 1346975  | 8.768   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.236 | 13.612 | 10393979 | 72.012  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.613 | 17.286 | 3624938  | 26.982  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.287 | 22.206 | 8976869  | 72.245  | 600              | ug/ml |
| Aliphatic EPH             | 3.141  | 22.206 | 25009952 | 184.282 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.899 | 11.899 | 4806048  | 29.51   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.343 | 13.343 | 3599127  | 29.98   |                  | ug/ml |
| Aliphatic C9-C28          | 3.141  | 17.286 | 16033083 | 112.038 | 1200             | ug/ml |