

## Report of Analysis

|                    |                 |          |                 |       |    |
|--------------------|-----------------|----------|-----------------|-------|----|
| Client:            | G Environmental |          | Date Collected: |       |    |
| Project:           | Ave L           |          | Date Received:  |       |    |
| Client Sample ID:  | PB167231BS      |          | SDG No.:        | Q1574 |    |
| Lab Sample ID:     | PB167231BS      |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH           |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.03           | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                 | uL       | Test:           | EPH   |    |
| Prep Method :      |                 |          |                 |       |    |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 03/19/25 15:00 | 03/20/25 13:00  | PB167231      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 5.21  |           | 1        | 0.14 | 1.00       | mg/kg             | FF015697.D |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 4.89  |           | 1        | 0.11 | 0.67       | mg/kg             | FF015697.D |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 8.60  |           | 1        | 0.13 | 1.00       | mg/kg             | FF015697.D |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 11.5  |           | 1        | 0.53 | 1.33       | mg/kg             | FF015697.D |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 18.0  |           | 1        | 1.18 | 2.00       | mg/kg             | FF015697.D |
| Aromatic C10-C12   | Aromatic C10-C12   | 3.68  |           | 1        | 0.12 | 0.67       | mg/kg             | FG015514.D |
| Aromatic C12-C16   | Aromatic C12-C16   | 7.25  |           | 1        | 0.23 | 1.00       | mg/kg             | FG015514.D |
| Aromatic C16-C21   | Aromatic C16-C21   | 14.9  |           | 1        | 0.40 | 1.67       | mg/kg             | FG015514.D |
| Aromatic C21-C36   | Aromatic C21-C36   | 26.3  |           | 1        | 1.19 | 2.66       | mg/kg             | FG015514.D |
| Total AliphaticEPH | Total AliphaticEPH | 48.2  |           |          | 2.09 | 5.99       | mg/kg             |            |
| Total AromaticEPH  | Total AromaticEPH  | 52.1  |           |          | 1.94 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 100   |           |          | 4.03 | 12.0       | mg/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

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: |                      |
| Project:           | Ave L                  | Date Received:  |                      |
| Client Sample ID:  | PB167231BS             | SDG No.:        | Q1574                |
| Lab Sample ID:     | PB167231BS             | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 100                  |
| 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 |
| FF015697.D | 1         | 03/19/25    | 03/20/25        | PB167231      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 5.21  |           | 0.14     | 1.00       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 4.89  |           | 0.11     | 0.67       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 8.60  |           | 0.13     | 1.00       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 11.5  |           | 0.53     | 1.33       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 18.0  |           | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 39.0  |           | 40 - 140 | 78%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB167231BS | Acq On:            | 20 Mar 2025 13:00 |
| Client Sample ID: | PB167231BS | Operator:          | YP\AJ             |
| Data file:        | FF015697.D | Misc:              |                   |
| Instrument:       | FID_F      | ALS Vial:          | 72                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.210  | 6.833  | 10052929 | 78.254  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.834  | 10.268 | 9671226  | 73.482  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.269 | 13.635 | 17483288 | 129.148 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.636 | 17.299 | 22908555 | 173.185 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.300 | 22.199 | 29231387 | 270.293 | 600              | ug/ml |
| Aliphatic EPH             | 3.210  | 22.199 | 89347385 | 724.361 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.370 | 13.370 | 4427027  | 39.01   |                  | ug/ml |
| Aliphatic C9-C28          | 3.210  | 17.299 | 60115998 | 454.069 | 1200             | ug/ml |