

## Report of Analysis

|                    |                     |                 |              |
|--------------------|---------------------|-----------------|--------------|
| Client:            | G Environmental     | Date Collected: | 01/30/25     |
| Project:           | Nelson              | Date Received:  | 01/30/25     |
| Client Sample ID:  | HL2PX6              | SDG No.:        | Q1237        |
| Lab Sample ID:     | Q1237-06            | Matrix:         | Solid        |
| Analytical Method: | NJEPH               | % Solid:        | 92.2         |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                  | Test:           | EPH_NF       |
| Prep Method :      |                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 01/31/25 09:45 | 01/31/25 16:42  | PB166417      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 32.2  |           | 1        | 1.95 | 2.17       | mg/kg FC068166.D  |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 64.5  |           | 1        | 1.86 | 4.33       | mg/kg FC068166.D  |
| Total AliphaticEPH | Total AliphaticEPH | 96.7  |           |          | 3.81 | 6.50       | mg/kg             |
| Total EPH          | Total EPH          | 96.7  |           |          | 3.81 | 6.50       | 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: | 01/30/25             |
| Project:           | Nelson                 | Date Received:  | 01/30/25             |
| Client Sample ID:  | HL2PX6                 | SDG No.:        | Q1237                |
| Lab Sample ID:     | Q1237-06               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 92.2                 |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH_NF               |
| Prep Method :      |                        |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068166.D | 1         | 01/31/25    | 01/31/25        | PB166417      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 64.5  |           | 1.86     | 4.33       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 32.2  |           | 1.95     | 2.17       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 38.7  |           | 40 - 140 | 77%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 37.1  |           | 40 - 140 | 74%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1237-06   | Acq On:            | 31 Jan 2025 16:42 |
| Client Sample ID: | HL2PX6     | Operator:          | YP/AJ             |
| Data file:        | FC068166.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 15                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.128  | 6.394  | 958463    | 6.921   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.395  | 9.777  | 3664490   | 26.61   | 200              | ug/ml |
| Aliphatic C16-C21         | 9.778  | 13.129 | 42673438  | 316.054 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.130 | 16.780 | 69108410  | 543.273 | 400              | ug/ml |
| Aliphatic C28-C40         | 16.781 | 21.588 | 46106706  | 444.879 | 600              | ug/ml |
| Aliphatic EPH             | 3.128  | 21.588 | 162511507 | 1340    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.422 | 11.422 | 5791006   | 37.06   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.864 | 12.864 | 4455451   | 38.74   |                  | ug/ml |
| Aliphatic C9-C28          | 3.128  | 16.780 | 116404801 | 892.858 | 1200             | ug/ml |