

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | Ronald Adams           | Date Collected: | 09/10/25             |
| Project:           | 19 Ashlynn Court       | Date Received:  | 10/06/25             |
| Client Sample ID:  | SOILDL                 | SDG No.:        | Q3301                |
| Lab Sample ID:     | Q3301-01DL             | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 81                   |
| Sample Wt/Vol:     | 30.09      Units:    g | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH                  |
| Prep Method :      |                        |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC069967.D | 20        | 10/07/25    | 10/08/25        | PB170011      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 305   |           | 3.45     | 24.6       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 955   | E         | 2.71     | 16.4       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 899   | E         | 3.20     | 24.6       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 175   |           | 13.0     | 32.8       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 29.0  | U         | 29.0     | 49.2       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 4.09  |           | 40 - 140 | 164%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 3.05  |           | 40 - 140 | 122%       | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q3301-01DL | Acq On:            | 08 Oct 2025 15:08 |
| Client Sample ID: | SOILDL     | Operator:          | YP/AJ             |
| Data file:        | FC069967.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 18                |
| Dilution Factor:  | 20         | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.284  | 6.578  | 26909196  | 185.856 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.579  | 9.979  | 95346699  | 582.155 | 200              | ug/ml |
| Aliphatic C16-C21         | 9.980  | 13.346 | 88727682  | 547.886 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.347 | 17.010 | 15769243  | 107.17  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.011 | 21.966 | 1276697   | 11.865  | 600              | ug/ml |
| Aliphatic EPH             | 3.284  | 21.966 | 228029517 | 1430    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.613 | 11.613 | 535698    | 3.05    |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.076 | 13.076 | 555271    | 4.09    |                  | ug/ml |
| Aliphatic C9-C28          | 3.284  | 17.010 | 226752820 | 1420    | 1200             | ug/ml |