

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | ENTACT                 | Date Collected: | 10/23/24             |
| Project:           | North Point            | Date Received:  | 10/23/24             |
| Client Sample ID:  | EX-5-TPH-4DL2          | SDG No.:        | P4518                |
| Lab Sample ID:     | P4518-04DL2            | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 80.2                 |
| Sample Wt/Vol:     | 30.08      Units:    g | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH                  |
| Prep Method :      |                        |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC067557.D | 100       | 10/25/24    | 10/29/24        | PB164396      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 132   |           | 47.3     | 124        | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 860   |           | 29.8     | 82.9       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 779   |           | 37.3     | 124        | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 61.4  | J         | 99.5     | 165        | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 270   |           | 223      | 248        | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 0.42  |           | 40 - 140 | 84%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |               |                    |                   |
|-------------------|---------------|--------------------|-------------------|
| Lab Sample ID:    | P4518-04DL2   | Acq On:            | 29 Oct 2024 12:00 |
| Client Sample ID: | EX-5-TPH-4DL2 | Operator:          | YP/AJ             |
| Data file:        | FC067557.D    | Misc:              |                   |
| Instrument:       | FID_C         | ALS Vial:          | 31                |
| Dilution Factor:  | 100           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.173  | 6.453  | 2166001  | 15.989  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.454  | 9.842  | 13668978 | 103.803 | 200              | ug/ml |
| Aliphatic C16-C21         | 9.843  | 13.200 | 11958464 | 93.987  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.201 | 16.853 | 888813   | 7.401   | 400              | ug/ml |
| Aliphatic C28-C40         | 16.854 | 21.695 | 3292936  | 32.573  | 600              | ug/ml |
| Aliphatic EPH             | 3.173  | 21.695 | 31975192 | 253.754 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.930 | 12.930 | 45147    | 0.42    |                  | ug/ml |
| Aliphatic C9-C28          | 3.173  | 16.853 | 28682256 | 221.18  | 1200             | ug/ml |