

## Report of Analysis

|                    |                     |                 |              |
|--------------------|---------------------|-----------------|--------------|
| Client:            | ENTACT              | Date Collected: | 12/05/24     |
| Project:           | North Point         | Date Received:  | 12/05/24     |
| Client Sample ID:  | EX-8-TPH-2          | SDG No.:        | P5147        |
| Lab Sample ID:     | P5147-02            | Matrix:         | Solid        |
| Analytical Method: | NJEPH               | % Solid:        | 79.3         |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                  | Test:           | EPH          |
| Prep Method :      |                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 12/06/24 09:50 | 12/09/24 10:14  | PB165427      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 129   |           | 10       | 4.79 | 12.6       | mg/kg FC067942.D  |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 560   |           | 50       | 15.1 | 42.0       | mg/kg FC067943.D  |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 417   |           | 50       | 18.9 | 63.0       | mg/kg FC067943.D  |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 64.7  |           | 10       | 10.1 | 16.8       | mg/kg FC067942.D  |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 25.1  |           | 1        | 2.27 | 2.52       | mg/kg FC067935.D  |
| Aromatic C10-C12   | Aromatic C10-C12   | 33.4  |           | 10       | 3.78 | 8.40       | mg/kg FD048850.D  |
| Aromatic C12-C16   | Aromatic C12-C16   | 125   |           | 10       | 4.29 | 12.6       | mg/kg FD048850.D  |
| Aromatic C16-C21   | Aromatic C16-C21   | 263   |           | 10       | 12.1 | 21.0       | mg/kg FD048850.D  |
| Aromatic C21-C36   | Aromatic C21-C36   | 56.9  |           | 1        | 2.52 | 3.36       | mg/kg FD048843.D  |
| Total AliphaticEPH | Total AliphaticEPH | 1200  |           |          | 51.2 | 137        | mg/kg             |
| Total AromaticEPH  | Total AromaticEPH  | 478   |           |          | 22.7 | 45.4       | mg/kg             |
| Total EPH          | Total EPH          | 1670  |           |          | 73.8 | 182        | 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

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|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
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| Client Sample ID:  | EX-8-TPH-2             | SDG No.:        | P5147                |
| Lab Sample ID:     | P5147-02               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 79.3                 |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH                  |
| Prep Method :      |                        |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC067935.D | 1         | 12/06/24    | 12/06/24        | PB165427      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 126   | E         | 0.48     | 1.26       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 400   | E         | 0.30     | 0.84       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 300   | E         | 0.38     | 1.26       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 73.9  | E         | 1.01     | 1.68       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 25.1  |           | 2.27     | 2.52       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 44.5  |           | 40 - 140 | 89%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | P5147-02   | Acq On:            | 06 Dec 2024 20:24 |
| Client Sample ID: | EX-8-TPH-2 | Operator:          | YP/AJ             |
| Data file:        | FC067935.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 18                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response   | Conc    | highest_standard | Units |
|---------------------------|--------|--------|------------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.154  | 6.430  | 248757622  | 1500    | 300              | ug/ml |
| Aliphatic C12-C16         | 6.431  | 9.821  | 812382026  | 4770    | 200              | ug/ml |
| Aliphatic C16-C21         | 9.822  | 13.180 | 607429174  | 3580    | 300              | ug/ml |
| Aliphatic C21-C28         | 13.181 | 16.835 | 138383766  | 879.856 | 400              | ug/ml |
| Aliphatic C28-C40         | 16.836 | 21.671 | 36232567   | 299.167 | 600              | ug/ml |
| Aliphatic EPH             | 3.154  | 21.671 | 1843185155 | 11000   |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0          | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.918 | 12.918 | 6453877    | 44.46   |                  | ug/ml |
| Aliphatic C9-C28          | 3.154  | 16.835 | 1806952588 | 10700   | 1200             | ug/ml |