

## Report of Analysis

|                    |                                           |          |                 |          |    |
|--------------------|-------------------------------------------|----------|-----------------|----------|----|
| Client:            | ENTACT                                    |          | Date Collected: | 02/05/25 |    |
| Project:           | North Point - 4101 Arthur Kill Rd - E9306 |          | Date Received:  | 02/05/25 |    |
| Client Sample ID:  | EX-6-TPH-2                                |          | SDG No.:        | Q1308    |    |
| Lab Sample ID:     | Q1308-03                                  |          | Matrix:         | Solid    |    |
| Analytical Method: | NJEPH                                     |          | % Solid:        | 83.9     |    |
| Sample Wt/Vol:     | 30.07                                     | Units: g | Final Vol:      | 2000     | uL |
| Soil Aliquot Vol:  |                                           | uL       | Test:           | EPH      |    |
| Prep Method :      |                                           |          |                 |          |    |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 02/06/25 14:20 | 02/07/25 19:56  | PB166603      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 139   |           | 10       | 4.52 | 11.9       | mg/kg FE052298.D  |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 466   |           | 50       | 14.3 | 39.6       | mg/kg FE052299.D  |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 333   |           | 50       | 17.8 | 59.5       | mg/kg FE052299.D  |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 69.6  |           | 10       | 9.51 | 15.9       | mg/kg FE052298.D  |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 31.1  |           | 1        | 2.14 | 2.38       | mg/kg FE052286.D  |
| Aromatic C10-C12   | Aromatic C10-C12   | 87.4  |           | 10       | 3.57 | 7.93       | mg/kg FF015499.D  |
| Aromatic C12-C16   | Aromatic C12-C16   | 288   |           | 20       | 8.09 | 23.8       | mg/kg FF015500.D  |
| Aromatic C16-C21   | Aromatic C16-C21   | 599   |           | 20       | 22.8 | 39.6       | mg/kg FF015500.D  |
| Aromatic C21-C36   | Aromatic C21-C36   | 68.8  |           | 10       | 23.8 | 31.7       | mg/kg FF015499.D  |
| Total AliphaticEPH | Total AliphaticEPH | 1040  |           |          | 48.3 | 129        | mg/kg             |
| Total AromaticEPH  | Total AromaticEPH  | 1040  |           |          | 58.3 | 103        | mg/kg             |
| Total EPH          | Total EPH          | 2080  |           |          | 107  | 232        | 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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| Project:           | North Point - 4101 Arthur Kill Rd - E9306 |          | Date Received:  | 02/05/25 |    |
| Client Sample ID:  | EX-6-TPH-2                                |          | SDG No.:        | Q1308    |    |
| Lab Sample ID:     | Q1308-03                                  |          | Matrix:         | Solid    |    |
| Analytical Method: | NJEPH                                     |          | % Solid:        | 83.9     |    |
| Sample Wt/Vol:     | 30.07                                     | Units: g | Final Vol:      | 2000     | uL |
| Soil Aliquot Vol:  |                                           | uL       | Test:           | EPH      |    |
| Prep Method :      |                                           |          |                 |          |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE052286.D | 1         | 02/06/25    | 02/07/25        | PB166603      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 128   | E         | 0.45     | 1.19       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 460   | E         | 0.28     | 0.79       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 352   | E         | 0.36     | 1.19       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 65.0  | E         | 0.95     | 1.59       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 31.1  |           | 2.14     | 2.38       | 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:    | Q1308-03   | Acq On:            | 07 Feb 2025 12:26 |
| Client Sample ID: | EX-6-TPH-2 | Operator:          | YP\AJ             |
| Data file:        | FE052286.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 14                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response   | Conc    | highest_standard | Units |
|---------------------------|--------|--------|------------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.679  | 7.235  | 155877576  | 1620    | 300              | ug/ml |
| Aliphatic C12-C16         | 7.236  | 10.639 | 608315703  | 5810    | 200              | ug/ml |
| Aliphatic C16-C21         | 10.640 | 13.984 | 502032936  | 4440    | 300              | ug/ml |
| Aliphatic C21-C28         | 13.985 | 17.628 | 93516502   | 820.329 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.629 | 22.712 | 35961706   | 392.794 | 600              | ug/ml |
| Aliphatic EPH             | 3.679  | 22.712 | 1395704423 | 13100   |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0          | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.727 | 13.727 | 3849574    | 39.01   |                  | ug/ml |
| Aliphatic C9-C28          | 3.679  | 17.628 | 1359742717 | 12700   | 1200             | ug/ml |