

## 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-1                                | SDG No.:        | Q1308        |
| Lab Sample ID:     | Q1308-02                                  | Matrix:         | Solid        |
| Analytical Method: | NJEPH                                     | % Solid:        | 83.3         |
| Sample Wt/Vol:     | 30.04      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 19:27  | PB166603      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 24.4  |           | 5        | 2.28 | 5.99       | mg/kg FE052297.D  |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 64.3  |           | 5        | 1.44 | 4.00       | mg/kg FE052297.D  |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 51.8  |           | 5        | 1.80 | 5.99       | mg/kg FE052297.D  |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 7.21  |           | 1        | 0.96 | 1.60       | mg/kg FE052285.D  |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 6.88  |           | 1        | 2.16 | 2.40       | mg/kg FE052285.D  |
| Aromatic C10-C12   | Aromatic C10-C12   | 20.1  |           | 5        | 1.80 | 4.00       | mg/kg FF015498.D  |
| Aromatic C12-C16   | Aromatic C12-C16   | 39.7  |           | 5        | 2.04 | 5.99       | mg/kg FF015498.D  |
| Aromatic C16-C21   | Aromatic C16-C21   | 72.9  |           | 5        | 5.75 | 9.99       | mg/kg FF015498.D  |
| Aromatic C21-C36   | Aromatic C21-C36   | 11.2  |           | 1        | 2.40 | 3.20       | mg/kg FF015487.D  |
| Total AliphaticEPH | Total AliphaticEPH | 155   |           |          | 8.64 | 20.0       | mg/kg             |
| Total AromaticEPH  | Total AromaticEPH  | 144   |           |          | 12.0 | 23.2       | mg/kg             |
| Total EPH          | Total EPH          | 298   |           |          | 20.6 | 43.2       | 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

## 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-1                                |          | SDG No.:        | Q1308    |    |
| Lab Sample ID:     | Q1308-02                                  |          | Matrix:         | Solid    |    |
| Analytical Method: | NJEPH                                     |          | % Solid:        | 83.3     |    |
| Sample Wt/Vol:     | 30.04                                     | Units: g | Final Vol:      | 2000     | uL |
| Soil Aliquot Vol:  |                                           | uL       | Test:           | EPH      |    |
| Prep Method :      |                                           |          |                 |          |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE052285.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          | 29.7  | E         | 0.46     | 1.20       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 75.0  | E         | 0.29     | 0.80       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 57.0  | E         | 0.36     | 1.20       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 7.21  |           | 0.96     | 1.60       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 6.88  |           | 2.16     | 2.40       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 32.3  |           | 40 - 140 | 65%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1308-02   | Acq On:            | 07 Feb 2025 11:56 |
| Client Sample ID: | EX-6-TPH-1 | Operator:          | YP\AJ             |
| Data file:        | FE052285.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 13                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.679  | 7.235  | 35775541  | 371.948 | 300              | ug/ml |
| Aliphatic C12-C16         | 7.236  | 10.639 | 98223169  | 938.012 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.640 | 13.984 | 80541475  | 712.616 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.985 | 17.628 | 10280323  | 90.179  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.629 | 22.712 | 7875331   | 86.019  | 600              | ug/ml |
| Aliphatic EPH             | 3.679  | 22.712 | 232695839 | 2200    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0         | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.723 | 13.723 | 3188915   | 32.31   |                  | ug/ml |
| Aliphatic C9-C28          | 3.679  | 17.628 | 224820508 | 2110    | 1200             | ug/ml |