

## 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-11-TPH-14                              | SDG No.:        | Q1308        |
| Lab Sample ID:     | Q1308-13                                  | Matrix:         | Solid        |
| Analytical Method: | NJEPH                                     | % Solid:        | 82.1         |
| Sample Wt/Vol:     | 30.06      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 | 02/10/25 12:45  | PB166603      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 40.5  |           | 10       | 4.62 | 12.2       | mg/kg FC068247.D  |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 74.3  |           | 10       | 2.92 | 8.10       | mg/kg FC068247.D  |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 10.3  |           | 1        | 0.37 | 1.22       | mg/kg FC068238.D  |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 0.97  | U         | 1        | 0.97 | 1.62       | mg/kg FC068238.D  |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 10.1  |           | 1        | 2.19 | 2.43       | mg/kg FC068238.D  |
| Aromatic C10-C12   | Aromatic C10-C12   | 3.26  |           | 1        | 0.37 | 0.81       | mg/kg FD049061.D  |
| Aromatic C12-C16   | Aromatic C12-C16   | 12.8  |           | 1        | 0.41 | 1.22       | mg/kg FD049061.D  |
| Aromatic C16-C21   | Aromatic C16-C21   | 11.0  |           | 1        | 1.17 | 2.03       | mg/kg FD049061.D  |
| Aromatic C21-C36   | Aromatic C21-C36   | 2.86  | J         | 1        | 2.43 | 3.24       | mg/kg FD049061.D  |
| Total AliphaticEPH | Total AliphaticEPH | 135   |           |          | 11.1 | 25.6       | mg/kg             |
| Total AromaticEPH  | Total AromaticEPH  | 29.9  |           |          | 4.38 | 7.30       | mg/kg             |
| Total EPH          | Total EPH          | 165   |           |          | 15.4 | 32.9       | 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-11-TPH-14                              |          | SDG No.:        | Q1308    |    |
| Lab Sample ID:     | Q1308-13                                  |          | Matrix:         | Solid    |    |
| Analytical Method: | NJEPH                                     |          | % Solid:        | 82.1     |    |
| Sample Wt/Vol:     | 30.06                                     | Units: g | Final Vol:      | 2000     | uL |
| Soil Aliquot Vol:  |                                           | uL       | Test:           | EPH      |    |
| Prep Method :      |                                           |          |                 |          |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068238.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          | 40.0  | E         | 0.46     | 1.22       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 70.1  | E         | 0.29     | 0.81       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 10.3  |           | 0.37     | 1.22       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 0.97  | U         | 0.97     | 1.62       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 10.1  |           | 2.19     | 2.43       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 52.4  |           | 40 - 140 | 105%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |              |                    |                   |
|-------------------|--------------|--------------------|-------------------|
| Lab Sample ID:    | Q1308-13     | Acq On:            | 07 Feb 2025 17:21 |
| Client Sample ID: | EX-11-TPH-14 | Operator:          | YP/AJ             |
| Data file:        | FC068238.D   | Misc:              |                   |
| Instrument:       | FID_C        | ALS Vial:          | 20                |
| Dilution Factor:  | 1            | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.111  | 6.377  | 68292551  | 493.129 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.378  | 9.762  | 119052673 | 864.498 | 200              | ug/ml |
| Aliphatic C16-C21         | 9.763  | 13.116 | 17116673  | 126.772 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.117 | 16.769 | 1416557   | 11.136  | 400              | ug/ml |
| Aliphatic C28-C40         | 16.770 | 21.574 | 12947115  | 124.925 | 600              | ug/ml |
| Aliphatic EPH             | 3.111  | 21.574 | 218825569 | 1620    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0         | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.848 | 12.848 | 6021985   | 52.36   |                  | ug/ml |
| Aliphatic C9-C28          | 3.111  | 16.769 | 205878454 | 1500    | 1200             | ug/ml |