

## 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-13DL                            | SDG No.:        | Q1308                |
| Lab Sample ID:     | Q1308-12DL                                | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                     | % Solid:        | 86.3                 |
| 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 |
| FC068244.D | 10        | 02/06/25    | 02/10/25        | PB166603      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 1030  | E         | 4.40     | 11.6       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 1790  | E         | 2.78     | 7.71       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 527   | E         | 3.47     | 11.6       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 111   |           | 9.26     | 15.4       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 90.2  |           | 20.8     | 23.1       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 7.08  |           | 40 - 140 | 142%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |                |                    |                   |
|-------------------|----------------|--------------------|-------------------|
| Lab Sample ID:    | Q1308-12DL     | Acq On:            | 10 Feb 2025 10:55 |
| Client Sample ID: | EX-11-TPH-13DL | Operator:          | YP/AJ             |
| Data file:        | FC068244.D     | Misc:              |                   |
| Instrument:       | FID_C          | ALS Vial:          | 11                |
| Dilution Factor:  | 10             | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.108  | 6.374  | 184722555 | 1330    | 300              | ug/ml |
| Aliphatic C12-C16         | 6.375  | 9.758  | 319875191 | 2320    | 200              | ug/ml |
| Aliphatic C16-C21         | 9.759  | 13.112 | 92382637  | 684.218 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.113 | 16.764 | 18344801  | 144.212 | 400              | ug/ml |
| Aliphatic C28-C40         | 16.765 | 21.564 | 12114093  | 116.888 | 600              | ug/ml |
| Aliphatic EPH             | 3.108  | 21.564 | 627439277 | 4600    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0         | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.841 | 12.841 | 814082    | 7.08    |                  | ug/ml |
| Aliphatic C9-C28          | 3.108  | 16.764 | 615325184 | 4490    | 1200             | ug/ml |