

## 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-8                               | SDG No.:        | Q1308                |
| Lab Sample ID:     | Q1308-07                                  | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                     | % Solid:        | 93.4                 |
| Sample Wt/Vol:     | 30.09      Units:    g                    | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | EPH                  |
| Prep Method :      |                                           |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FF015490.D | 1         | 02/06/25    | 02/07/25        | PB166603      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 39.3  | E         | 0.32     | 0.71       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 165   | E         | 0.36     | 1.07       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 194   | E         | 1.02     | 1.78       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 17.1  |           | 2.13     | 2.85       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 61.8  |           | 40 - 140 | 124%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 52.9  |           | 40 - 140 | 106%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 35.6  |           | 40 - 140 | 71%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | Q1308-07    | Acq On:            | 07 Feb 2025 13:31 |
| Client Sample ID: | EX-11-TPH-8 | Operator:          | YP\AJ             |
| Data file:        | FF015490.D  | Misc:              |                   |
| Instrument:       | FID_F       | ALS Vial:          | 76                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.505  | 6.374  | 76366050  | 552.887 | 200              | ug/ml |
| Aromatic C12-C16          | 6.375  | 9.068  | 312502265 | 2330    | 300              | ug/ml |
| Aromatic C16-C21          | 9.069  | 13.385 | 337246394 | 2740    | 500              | ug/ml |
| Aromatic C21-C36          | 13.386 | 18.838 | 28284943  | 240.158 | 800              | ug/ml |
| Aromatic EPH              | 4.505  | 18.838 | 754399652 | 5860    |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.002  | 8.002  | 7348189   | 61.83   |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.879  | 8.879  | 4013977   | 52.86   |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.938 | 11.938 | 4694316   | 35.59   |                  | ug/ml |