

## Report of Analysis

|                    |             |          |                 |       |    |
|--------------------|-------------|----------|-----------------|-------|----|
| Client:            | ENTACT      |          | Date Collected: |       |    |
| Project:           | North Point |          | Date Received:  |       |    |
| Client Sample ID:  | PB164996BS  |          | SDG No.:        | P4839 |    |
| Lab Sample ID:     | PB164996BS  |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH       |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.02       | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |             | uL       | Test:           | EPH   |    |
| Prep Method :      |             |          |                 |       |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FD048741.D | 1         | 11/14/24    | 11/15/24        | PB164996      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 4.54  |           | 0.30     | 0.67       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 8.71  |           | 0.34     | 1.00       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 17.6  |           | 0.96     | 1.67       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 30.5  |           | 2.00     | 2.66       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 48.3  |           | 40 - 140 | 96%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 44.1  |           | 40 - 140 | 88%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 44.4  |           | 40 - 140 | 89%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB164996BS | Acq On:            | 15 Nov 2024 12:45 |
| Client Sample ID: | PB164996BS | Operator:          | YP/AJ             |
| Data file:        | FD048741.D | Misc:              |                   |
| Instrument:       | FID_D      | ALS Vial:          | 62                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.088  | 5.805  | 13076061  | 68.098  | 200              | ug/ml |
| Aromatic C12-C16          | 5.806  | 8.411  | 25157983  | 130.719 | 300              | ug/ml |
| Aromatic C16-C21          | 8.412  | 12.674 | 49161531  | 264.587 | 500              | ug/ml |
| Aromatic C21-C36          | 12.675 | 18.081 | 72080224  | 458.435 | 800              | ug/ml |
| Aromatic EPH              | 4.088  | 18.081 | 159475799 | 921.839 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.254 | 11.254 | 8545665   | 44.43   |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.367  | 7.367  | 8494993   | 48.25   |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.217  | 8.217  | 5076397   | 44.08   |                  | ug/ml |