

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | ENTACT                 | Date Collected: | 11/13/24             |
| Project:           | North Point            | Date Received:  | 11/13/24             |
| Client Sample ID:  | EX-4-TPH-2             | SDG No.:        | P4839                |
| Lab Sample ID:     | P4839-18               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 85.8                 |
| 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 |
| FF015064.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          | 0.35  | U         | 0.35     | 0.78       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 0.46  | J         | 0.40     | 1.16       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 2.05  |           | 1.12     | 1.94       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 2.33  | U         | 2.33     | 3.11       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 44.1  |           | 40 - 140 | 88%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 40.9  |           | 40 - 140 | 82%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 38.7  |           | 40 - 140 | 77%        | SPK: 50 |



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## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | P4839-18   | Acq On:            | 15 Nov 2024 16:36 |
| Client Sample ID: | EX-4-TPH-2 | Operator:          | YP\AJ             |
| Data file:        | FF015064.D | Misc:              |                   |
| Instrument:       | FID_F      | ALS Vial:          | 71                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc   | highest_standard | Units |
|---------------------------|--------|--------|----------|--------|------------------|-------|
| Aromatic C10-C12          | 4.507  | 6.371  | 596956   | 4.364  | 200              | ug/ml |
| Aromatic C12-C16          | 6.372  | 9.062  | 807690   | 5.982  | 300              | ug/ml |
| Aromatic C16-C21          | 9.063  | 13.374 | 3373254  | 26.375 | 500              | ug/ml |
| Aromatic C21-C36          | 13.375 | 18.817 | 2383447  | 19.557 | 800              | ug/ml |
| Aromatic EPH              | 4.507  | 18.817 | 7161347  | 56.278 |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.991  | 7.991  | 5391451  | 44.15  |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.865  | 8.865  | 3341492  | 40.93  |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.927 | 11.927 | 5185481  | 38.66  |                  | ug/ml |