



284 Sheffield Street, Mountainside NJ 07092 Phone: 908 789 8900 Fax : 908 789 8922

## Report of Analysis

|                    |                                                |                 |                      |
|--------------------|------------------------------------------------|-----------------|----------------------|
| Client:            | Remington & Vernick Engineers                  | Date Collected: | 04/25/23             |
| Project:           | 169 Bridgeton Pike Mullica Hill, NJ # 0800X062 | Date Received:  | 04/26/23             |
| Client Sample ID:  | WO-5DL2                                        | SDG No.:        | O2505                |
| Lab Sample ID:     | O2505-08DL2                                    | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                          | % Solid:        | 48.2                 |
| Sample Wt/Vol:     | 30.08      Units:    g                         | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                             | Test:           | EPH                  |
| Prep Method :      |                                                |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FD045592.D | 100       | 05/03/23    | 05/04/23        | PB152543      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 32.5  | J         | 31.0     | 137        | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 75.7  | J         | 31.0     | 206        | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 186   | J         | 62.1     | 344        | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 4920  |           | 80.7     | 551        | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |



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## Quantitation Report For Aromatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | O2505-08DL2 | Acq On:            | 04 May 2023 18:25 |
| Client Sample ID: | O2505-08DL2 | Operator:          | YP/AJ             |
| Data file:        | FD045592.D  | Misc:              |                   |
| Instrument:       | FID_D       | ALS Vial:          | 61                |
| Dilution Factor:  | 100         | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.253  | 5.985  | 398945   | 2.356   | 200              | ug/ml |
| Aromatic C12-C16          | 5.986  | 8.601  | 883356   | 5.491   | 300              | ug/ml |
| Aromatic C16-C21          | 8.602  | 12.869 | 1943212  | 13.499  | 500              | ug/ml |
| Aromatic C21-C36          | 12.870 | 18.259 | 47668096 | 356.667 | 800              | ug/ml |
| Aromatic EPH              | 4.253  | 18.259 | 50893609 | 378.013 |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |