

## Report of Analysis

|                    |                        |          |                 |          |    |
|--------------------|------------------------|----------|-----------------|----------|----|
| Client:            | Weston Solutions, Inc. |          | Date Collected: | 09/23/25 |    |
| Project:           | RFP 916                |          | Date Received:  | 09/23/25 |    |
| Client Sample ID:  | EME-TS14-02            |          | SDG No.:        | Q3176    |    |
| Lab Sample ID:     | Q3176-03               |          | Matrix:         | Solid    |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 70       |    |
| Sample Wt/Vol:     | 30.07                  | Units: g | Final Vol:      | 2000     | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH      |    |
| Prep Method :      |                        |          |                 |          |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FG016655.D | 1         | 09/25/25    | 09/25/25        | PB169823      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 0.46  | J         | 0.20     | 1.43       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 1.82  |           | 0.16     | 0.95       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 0.71  | J         | 0.19     | 1.43       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 1.37  | J         | 0.76     | 1.90       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 30.0  |           | 1.68     | 2.85       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 53.6  |           | 40 - 140 | 107%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | Q3176-03    | Acq On:            | 25 Sep 2025 19:22 |
| Client Sample ID: | EME-TS14-02 | Operator:          | YP\AJ             |
| Data file:        | FG016655.D  | Misc:              |                   |
| Instrument:       | FID_G       | ALS Vial:          | 38                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.279  | 6.920  | 556757   | 4.82    | 300              | ug/ml |
| Aliphatic C12-C16         | 6.921  | 10.379 | 2316257  | 19.204  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.380 | 13.768 | 963634   | 7.453   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.769 | 17.453 | 1851537  | 14.371  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.454 | 22.488 | 31984697 | 315.372 | 600              | ug/ml |
| Aliphatic EPH             | 3.279  | 22.488 | 37672882 | 361.22  |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.511 | 13.511 | 6047130  | 53.57   |                  | ug/ml |
| Aliphatic C9-C28          | 3.279  | 17.453 | 5688185  | 45.848  | 1200             | ug/ml |