

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | Weston Solutions, Inc. | Date Collected: | 02/24/25             |
| Project:           | RFP 905                | Date Received:  | 02/24/25             |
| Client Sample ID:  | Q1421-01MS             | SDG No.:        | Q1421                |
| Lab Sample ID:     | Q1421-02               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 70.3                 |
| 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 |
| FC068334.D | 1         | 02/27/25    | 02/28/25        | PB166923      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 9.70  |           | 0.54     | 1.42       | mg/kg   |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 205   |           | 5.76     | 30.0       | ug/l    |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 9.05  |           | 0.34     | 0.95       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 191   |           | 3.61     | 20.0       | ug/l    |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 14.6  |           | 0.43     | 1.42       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 308   |           | 5.14     | 30.0       | ug/l    |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 19.4  |           | 1.14     | 1.89       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 410   |           | 8.97     | 40.0       | ug/l    |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 34.1  |           | 2.55     | 2.84       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 721   |           | 17.0     | 60.0       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 30.0  |           | 40 - 140 | 60%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 30.0  |           | 40 - 140 | 60%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1421-02   | Acq On:            | 28 Feb 2025 18:56 |
| Client Sample ID: | Q1421-01MS | Operator:          | YP/AJ             |
| Data file:        | FC068334.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 21                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.104  | 6.369  | 14464917  | 102.562 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.370  | 9.754  | 13068443  | 95.631  | 200              | ug/ml |
| Aliphatic C16-C21         | 9.755  | 13.107 | 20310392  | 154.298 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.108 | 16.761 | 25151936  | 205.002 | 400              | ug/ml |
| Aliphatic C28-C40         | 16.762 | 21.565 | 37089980  | 360.634 | 600              | ug/ml |
| Aliphatic EPH             | 3.104  | 21.565 | 110085668 | 918.128 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0         | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.839 | 12.839 | 3447568   | 29.98   |                  | ug/ml |
| Aliphatic C9-C28          | 3.104  | 16.761 | 72995688  | 557.493 | 1200             | ug/ml |