

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | Weston Solutions, Inc. | Date Collected: | 10/29/24             |
| Project:           | RFP 872                | Date Received:  | 10/29/24             |
| Client Sample ID:  | P001-CF15-01           | SDG No.:        | P4620                |
| Lab Sample ID:     | P4620-20               | Matrix:         | Water                |
| Analytical Method: | NJEPH                  | % Solid:        | 0                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH                  |
| Prep Method :      | SW3510                 |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FG014645.D | 1         | 11/03/24    | 11/04/24        | PB164637      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 5.76  | U         | 5.76     | 30.0       | ug/l    |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 3.61  | U         | 3.61     | 20.0       | ug/l    |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 5.14  | U         | 5.14     | 30.0       | ug/l    |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 8.97  | U         | 8.97     | 40.0       | ug/l    |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 17.0  | U         | 17.0     | 60.0       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 42.5  |           | 40 - 140 | 85%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |              |                    |                   |
|-------------------|--------------|--------------------|-------------------|
| Lab Sample ID:    | P4620-20     | Acq On:            | 04 Nov 2024 15:57 |
| Client Sample ID: | P001-CF15-01 | Operator:          | YP\AJ             |
| Data file:        | FG014645.D   | Misc:              |                   |
| Instrument:       | FID_G        | ALS Vial:          | 20                |
| Dilution Factor:  | 1            | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc  | highest_standard | Units |
|---------------------------|--------|--------|----------|-------|------------------|-------|
| Aliphatic C9-C12          | 3.228  | 6.849  | 40825    | 0.311 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.850  | 10.292 | 35549    | 0.262 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.293 | 13.665 | 87335    | 0.618 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.666 | 17.329 | 0        | 0     | 400              | ug/ml |
| Aliphatic C28-C40         | 17.330 | 22.266 | 0        | 0     | 600              | ug/ml |
| Aliphatic EPH             | 3.228  | 22.266 | 163709   | 1.191 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0     |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.397 | 13.397 | 5217176  | 42.49 |                  | ug/ml |
| Aliphatic C9-C28          | 3.228  | 17.329 | 163709   | 1.191 | 1200             | ug/ml |