

## Report of Analysis

|                    |                        |          |                 |          |    |
|--------------------|------------------------|----------|-----------------|----------|----|
| Client:            | Weston Solutions, Inc. |          | Date Collected: | 10/29/24 |    |
| Project:           | RFP 872                |          | Date Received:  | 10/29/24 |    |
| Client Sample ID:  | P001-CF10-01           |          | SDG No.:        | P4620    |    |
| Lab Sample ID:     | P4620-09               |          | Matrix:         | Solid    |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 95.2     |    |
| 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 |
| FD048645.D | 1         | 11/03/24    | 11/04/24        | PB164618      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 0.31  | U         | 0.31     | 0.70       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 0.36  | U         | 0.36     | 1.05       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 1.01  | U         | 1.01     | 1.75       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 2.10  | U         | 2.10     | 2.79       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 44.4  |           | 40 - 140 | 89%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 44.7  |           | 40 - 140 | 89%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 27.6  |           | 40 - 140 | 55%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |              |                    |                   |
|-------------------|--------------|--------------------|-------------------|
| Lab Sample ID:    | P4620-09     | Acq On:            | 04 Nov 2024 19:02 |
| Client Sample ID: | P001-CF10-01 | Operator:          | YP/AJ             |
| Data file:        | FD048645.D   | Misc:              |                   |
| Instrument:       | FID_D        | ALS Vial:          | 60                |
| Dilution Factor:  | 1            | Sample Multiplier: | 1.00              |

| Compound                   | R.T.   |        | Response | Conc   | highest_standard | Units |
|----------------------------|--------|--------|----------|--------|------------------|-------|
| Aromatic C10-C12           | 4.093  | 5.811  | 209376   | 1.188  | 200              | ug/ml |
| Aromatic C12-C16           | 5.812  | 8.416  | 74201    | 0.419  | 300              | ug/ml |
| Aromatic C16-C21           | 8.417  | 12.676 | 1710160  | 10.438 | 500              | ug/ml |
| Aromatic C21-C36           | 12.677 | 18.080 | 1861757  | 12.191 | 800              | ug/ml |
| Aromatic EPH               | 4.093  | 18.080 | 3855494  | 24.237 |                  | ug/ml |
| 2-Bromonaphthalene (SURRE) | 7.370  | 7.370  | 6735242  | 44.38  |                  | ug/ml |
| 2-Fluorobiphenyl (SURRE)   | 8.219  | 8.219  | 4385468  | 44.66  |                  | ug/ml |
| ortho-Terphenyl (SURRE)    | 11.254 | 11.254 | 4696822  | 27.57  |                  | ug/ml |