

## Report of Analysis

|                    |                        |           |                 |          |    |
|--------------------|------------------------|-----------|-----------------|----------|----|
| Client:            | Weston Solutions, Inc. |           | Date Collected: | 02/24/25 |    |
| Project:           | RFP 905                |           | Date Received:  | 02/24/25 |    |
| Client Sample ID:  | P001-CLAY-CF01-01MSD   |           | SDG No.:        | Q1421    |    |
| Lab Sample ID:     | Q1421-06               |           | 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 |
| FD049122.D | 1         | 02/26/25    | 02/27/25        | PB166883      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 189   |           | 3.32     | 20.0       | ug/l    |
| Aromatic C12-C16  | Aromatic C12-C16          | 308   |           | 3.69     | 30.0       | ug/l    |
| Aromatic C16-C21  | Aromatic C16-C21          | 541   |           | 12.7     | 50.0       | ug/l    |
| Aromatic C21-C36  | Aromatic C21-C36          | 837   |           | 25.2     | 80.0       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 52.8  |           | 40 - 140 | 106%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 53.3  |           | 40 - 140 | 107%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 45.3  |           | 40 - 140 | 91%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |                      |                    |                   |
|-------------------|----------------------|--------------------|-------------------|
| Lab Sample ID:    | Q1421-06             | Acq On:            | 27 Feb 2025 14:40 |
| Client Sample ID: | P001-CLAY-CF01-01MSD | Operator:          | YP/AJ             |
| Data file:        | FD049122.D           | Misc:              |                   |
| Instrument:       | FID_D                | ALS Vial:          | 66                |
| Dilution Factor:  | 1                    | Sample Multiplier: | 1.00              |

| Compound                   | R.T.   |        | Response  | Conc    | highest_standard | Units |
|----------------------------|--------|--------|-----------|---------|------------------|-------|
| Aromatic C10-C12           | 4.076  | 5.794  | 15048552  | 94.633  | 200              | ug/ml |
| Aromatic C12-C16           | 5.795  | 8.397  | 24789677  | 154.035 | 300              | ug/ml |
| Aromatic C16-C21           | 8.398  | 12.661 | 41500637  | 270.61  | 500              | ug/ml |
| Aromatic C21-C36           | 12.662 | 18.071 | 59957869  | 418.95  | 800              | ug/ml |
| Aromatic EPH               | 4.076  | 18.071 | 141296735 | 938.227 |                  | ug/ml |
| 2-Bromonaphthalene (SURRE) | 7.352  | 7.352  | 7560353   | 52.83   |                  | ug/ml |
| 2-Fluorobiphenyl (SURRE)   | 8.203  | 8.203  | 4683693   | 53.28   |                  | ug/ml |
| ortho-Terphenyl (SURRE)    | 11.237 | 11.237 | 7325391   | 45.28   |                  | ug/ml |