

## Report of Analysis

|                    |                        |          |                 |       |    |
|--------------------|------------------------|----------|-----------------|-------|----|
| Client:            | Weston Solutions, Inc. |          | Date Collected: |       |    |
| Project:           | RFP 905                |          | Date Received:  |       |    |
| Client Sample ID:  | PB166923BL             |          | SDG No.:        | Q1421 |    |
| Lab Sample ID:     | PB166923BL             |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.02                  | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH   |    |
| Prep Method :      |                        |          |                 |       |    |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 02/27/25 08:00 | 02/28/25 11:00  | PB166923      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |      |            |                   |            |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 0.14  | U         | 1        | 0.14 | 0.50 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 0.11  | U         | 1        | 0.11 | 0.33 | 0.67       | mg/kg             | FC068322.D |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 0.13  | U         | 1        | 0.13 | 0.50 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 0.53  | U         | 1        | 0.53 | 0.67 | 1.33       | mg/kg             | FC068322.D |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.18  | U         | 1        | 1.18 | 1.00 | 2.00       | mg/kg             | FC068322.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.09  | U         |          | 2.09 | 3.00 | 5.99       | mg/kg             |            |
| Total AromaticEPH  | Total AromaticEPH  | 3.60  | U         |          | 3.60 | 3.00 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 5.69  | U         |          | 5.69 | 5.99 | 12.0       | mg/kg             |            |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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| Client:            | Weston Solutions, Inc. |          | Date Collected: |       |    |
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| Lab Sample ID:     | PB166923BL             |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.02                  | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH   |    |
| Prep Method :      |                        |          |                 |       |    |

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|--------------------|--------------------|-------|-----------|----------|------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |      |            |                   |            |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 0.14  | U         | 1        | 0.14 | 0.50 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 0.11  | U         | 1        | 0.11 | 0.33 | 0.67       | mg/kg             | FC068322.D |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 0.13  | U         | 1        | 0.13 | 0.50 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 0.53  | U         | 1        | 0.53 | 0.67 | 1.33       | mg/kg             | FC068322.D |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.18  | U         | 1        | 1.18 | 1.00 | 2.00       | mg/kg             | FC068322.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.09  | U         |          | 2.09 | 3.00 | 5.99       | mg/kg             |            |
| Total AromaticEPH  | Total AromaticEPH  | 3.60  | U         |          | 3.60 | 3.00 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 5.69  | U         |          | 5.69 | 5.99 | 12.0       | mg/kg             |            |

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| Project:           | RFP 905                |          | Date Received:  |       |    |
| Client Sample ID:  | PB166923BL             |          | SDG No.:        | Q1421 |    |
| Lab Sample ID:     | PB166923BL             |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.02                  | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH   |    |
| Prep Method :      |                        |          |                 |       |    |

|                |                 |               |
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Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 0.14  | U         | 1        | 0.14 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 0.11  | U         | 1        | 0.11 | 0.67       | mg/kg             | FC068322.D |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 0.13  | U         | 1        | 0.13 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 0.53  | U         | 1        | 0.53 | 1.33       | mg/kg             | FC068322.D |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.18  | U         | 1        | 1.18 | 2.00       | mg/kg             | FC068322.D |
| Aromatic C10-C12   | Aromatic C10-C12   | 0.30  | U         | 1        | 0.30 | 0.67       | mg/kg             | FD049130.D |
| Aromatic C12-C16   | Aromatic C12-C16   | 0.34  | U         | 1        | 0.34 | 1.00       | mg/kg             | FD049130.D |
| Aromatic C16-C21   | Aromatic C16-C21   | 0.96  | U         | 1        | 0.96 | 1.67       | mg/kg             | FD049130.D |
| Aromatic C21-C36   | Aromatic C21-C36   | 2.00  | U         | 1        | 2.00 | 2.66       | mg/kg             | FD049130.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.09  | U         |          | 2.09 | 5.99       | mg/kg             |            |
| Total AromaticEPH  | Total AromaticEPH  | 3.60  | U         |          | 3.60 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 5.69  | U         |          | 5.69 | 12.0       | mg/kg             |            |

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| Project:           | RFP 905                |          | Date Received:  |       |    |
| Client Sample ID:  | PB166923BL             |          | SDG No.:        | Q1421 |    |
| Lab Sample ID:     | PB166923BL             |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.02                  | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH   |    |
| Prep Method :      |                        |          |                 |       |    |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 02/27/25 08:00 | 02/28/25 11:00  | PB166923      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 0.14  | U         | 1        | 0.14 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 0.11  | U         | 1        | 0.11 | 0.67       | mg/kg             | FC068322.D |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 0.13  | U         | 1        | 0.13 | 1.00       | mg/kg             | FC068322.D |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 0.53  | U         | 1        | 0.53 | 1.33       | mg/kg             | FC068322.D |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.18  | U         | 1        | 1.18 | 2.00       | mg/kg             | FC068322.D |
| Aromatic C10-C12   | Aromatic C10-C12   | 0.30  | U         | 1        | 0.30 | 0.67       | mg/kg             | FD049130.D |
| Aromatic C12-C16   | Aromatic C12-C16   | 0.34  | U         | 1        | 0.34 | 1.00       | mg/kg             | FD049130.D |
| Aromatic C16-C21   | Aromatic C16-C21   | 0.96  | U         | 1        | 0.96 | 1.67       | mg/kg             | FD049130.D |
| Aromatic C21-C36   | Aromatic C21-C36   | 2.00  | U         | 1        | 2.00 | 2.66       | mg/kg             | FD049130.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.09  | U         |          | 2.09 | 5.99       | mg/kg             |            |
| Total AromaticEPH  | Total AromaticEPH  | 3.60  | U         |          | 3.60 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 5.69  | U         |          | 5.69 | 12.0       | mg/kg             |            |

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| Project:           | RFP 905                |          | Date Received:  |       |    |
| Client Sample ID:  | PB166923BL             |          | SDG No.:        | Q1421 |    |
| Lab Sample ID:     | PB166923BL             |          | Matrix:         | Solid |    |
| Analytical Method: | NJEPH                  |          | % Solid:        | 100   |    |
| Sample Wt/Vol:     | 30.02                  | Units: g | Final Vol:      | 2000  | uL |
| Soil Aliquot Vol:  |                        | uL       | Test:           | EPH   |    |
| Prep Method :      |                        |          |                 |       |    |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FC068322.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          | 0.14  | U         | 0.14     | 1.00       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 0.11  | U         | 0.11     | 0.67       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 0.13  | U         | 0.13     | 1.00       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 0.53  | U         | 0.53     | 1.33       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 1.18  | U         | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 41.6  |           | 40 - 140 | 83%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB166923BL | Acq On:            | 28 Feb 2025 11:00 |
| Client Sample ID: | PB166923BL | Operator:          | YP/AJ             |
| Data file:        | FC068322.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 11                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc  | highest_standard | Units |
|---------------------------|--------|--------|----------|-------|------------------|-------|
| Aliphatic C9-C12          | 3.104  | 6.369  | 0        | 0     | 300              | ug/ml |
| Aliphatic C12-C16         | 6.370  | 9.754  | 0        | 0     | 200              | ug/ml |
| Aliphatic C16-C21         | 9.755  | 13.107 | 0        | 0     | 300              | ug/ml |
| Aliphatic C21-C28         | 13.108 | 16.761 | 0        | 0     | 400              | ug/ml |
| Aliphatic C28-C40         | 16.762 | 21.565 | 0        | 0     | 600              | ug/ml |
| Aliphatic EPH             | 3.104  | 21.565 | 0        | 0     |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0     |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 12.840 | 12.840 | 4680251  | 41.61 |                  | ug/ml |
| Aliphatic C9-C28          | 3.104  | 16.761 | 0        | 0     | 1200             | ug/ml |