

## Report of Analysis

|                    |                            |                 |              |
|--------------------|----------------------------|-----------------|--------------|
| Client:            | CDM Smith                  | Date Collected: |              |
| Project:           | MWCO CJO WTP Edison 295110 | Date Received:  |              |
| Client Sample ID:  | PB169950BS                 | SDG No.:        | Q3266        |
| Lab Sample ID:     | PB169950BS                 | 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 |
| 10/02/25 09:05 | 10/02/25 15:32  | PB169950      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 5.10  |           | 1        | 0.14 | 1.00       | mg/kg FE056148.D  |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 4.79  |           | 1        | 0.11 | 0.67       | mg/kg FE056148.D  |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 8.05  |           | 1        | 0.13 | 1.00       | mg/kg FE056148.D  |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 10.6  |           | 1        | 0.53 | 1.33       | mg/kg FE056148.D  |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 17.9  |           | 1        | 1.18 | 2.00       | mg/kg FE056148.D  |
| Aromatic C10-C12   | Aromatic C10-C12   | 4.37  |           | 1        | 0.12 | 0.67       | mg/kg FD049799.D  |
| Aromatic C12-C16   | Aromatic C12-C16   | 7.19  |           | 1        | 0.23 | 1.00       | mg/kg FD049799.D  |
| Aromatic C16-C21   | Aromatic C16-C21   | 14.7  |           | 1        | 0.40 | 1.67       | mg/kg FD049799.D  |
| Aromatic C21-C36   | Aromatic C21-C36   | 24.8  |           | 1        | 1.19 | 2.66       | mg/kg FD049799.D  |
| Total AliphaticEPH | Total AliphaticEPH | 46.4  |           |          | 2.09 | 5.99       | mg/kg             |
| Total AromaticEPH  | Total AromaticEPH  | 51.1  |           |          | 1.94 | 6.00       | mg/kg             |
| Total EPH          | Total EPH          | 97.5  |           |          | 4.03 | 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

D = Dilution

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|--------------------|----------------------------|-----------------|----------------------|
| Client:            | CDM Smith                  | Date Collected: |                      |
| Project:           | MWCO CJO WTP Edison 295110 | Date Received:  |                      |
| Client Sample ID:  | PB169950BS                 | SDG No.:        | Q3266                |
| Lab Sample ID:     | PB169950BS                 | 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 |
| FD049799.D | 1         | 10/02/25    | 10/02/25        | PB169950      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 4.37  |           | 0.12     | 0.67       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 7.19  |           | 0.23     | 1.00       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 14.7  |           | 0.40     | 1.67       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 24.8  |           | 1.19     | 2.66       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 38.1  |           | 40 - 140 | 76%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 38.0  |           | 40 - 140 | 76%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 42.9  |           | 40 - 140 | 86%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB169950BS | Acq On:            | 02 Oct 2025 16:01 |
| Client Sample ID: | PB169950BS | Operator:          | YP/AJ             |
| Data file:        | FD049799.D | Misc:              |                   |
| Instrument:       | FID_D      | ALS Vial:          | 62                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.389  | 6.131  | 8045935   | 65.526  | 200              | ug/ml |
| Aromatic C12-C16          | 6.132  | 8.759  | 15474304  | 107.941 | 300              | ug/ml |
| Aromatic C16-C21          | 8.760  | 13.049 | 31275271  | 219.983 | 500              | ug/ml |
| Aromatic C21-C36          | 13.050 | 18.468 | 46046516  | 371.877 | 800              | ug/ml |
| Aromatic EPH              | 4.389  | 18.468 | 100842026 | 765.327 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.609 | 11.609 | 6400876   | 42.88   |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.697  | 7.697  | 4532878   | 38.15   |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.562  | 8.562  | 3230599   | 38.05   |                  | ug/ml |