

## Report of Analysis

|                    |                            |                 |              |
|--------------------|----------------------------|-----------------|--------------|
| Client:            | CDM Smith                  | Date Collected: | 09/30/25     |
| Project:           | MWCO CJO WTP Edison 295110 | Date Received:  | 09/30/25     |
| Client Sample ID:  | ENV1-6FT                   | SDG No.:        | Q3257        |
| Lab Sample ID:     | Q3257-01                   | Matrix:         | Solid        |
| Analytical Method: | NJEPH                      | % Solid:        | 84.3         |
| 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 19:05  | PB169950      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 0.31  | J         | 1        | 0.17 | 1.19       | mg/kg             | FE056155.D |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 0.44  | J         | 1        | 0.13 | 0.79       | mg/kg             | FE056155.D |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 0.43  | J         | 1        | 0.15 | 1.19       | mg/kg             | FE056155.D |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 0.63  | U         | 1        | 0.63 | 1.58       | mg/kg             | FE056155.D |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 7.26  |           | 1        | 1.40 | 2.37       | mg/kg             | FE056155.D |
| Aromatic C10-C12   | Aromatic C10-C12   | 0.21  | J         | 1        | 0.14 | 0.79       | mg/kg             | FD049806.D |
| Aromatic C12-C16   | Aromatic C12-C16   | 4.95  |           | 1        | 0.27 | 1.19       | mg/kg             | FD049806.D |
| Aromatic C16-C21   | Aromatic C16-C21   | 2.02  |           | 1        | 0.47 | 1.98       | mg/kg             | FD049806.D |
| Aromatic C21-C36   | Aromatic C21-C36   | 2.44  | J         | 1        | 1.41 | 3.16       | mg/kg             | FD049806.D |
| Total AliphaticEPH | Total AliphaticEPH | 8.43  |           |          | 2.48 | 7.12       | mg/kg             |            |
| Total AromaticEPH  | Total AromaticEPH  | 9.62  |           |          | 2.30 | 7.12       | mg/kg             |            |
| Total EPH          | Total EPH          | 18.1  |           |          | 4.78 | 14.2       | 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: | 09/30/25             |
| Project:           | MWCO CJO WTP Edison 295110 | Date Received:  | 09/30/25             |
| Client Sample ID:  | ENV1-6FT                   | SDG No.:        | Q3257                |
| Lab Sample ID:     | Q3257-01                   | Matrix:         | Solid                |
| Analytical Method: | NJEPH                      | % Solid:        | 84.3                 |
| 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 |
| FD049806.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          | 0.21  | J         | 0.14     | 0.79       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 4.95  |           | 0.27     | 1.19       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 2.02  |           | 0.47     | 1.98       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 2.44  | J         | 1.41     | 3.16       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 41.1  |           | 40 - 140 | 82%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 41.0  |           | 40 - 140 | 82%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 23.6  |           | 40 - 140 | 47%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q3257-01   | Acq On:            | 02 Oct 2025 21:02 |
| Client Sample ID: | ENV1-6FT   | Operator:          | YP/AJ             |
| Data file:        | FD049806.D | Misc:              |                   |
| Instrument:       | FID_D      | ALS Vial:          | 69                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.389  | 6.131  | 332322   | 2.706   | 200              | ug/ml |
| Aromatic C12-C16          | 6.132  | 8.759  | 8971012  | 62.577  | 300              | ug/ml |
| Aromatic C16-C21          | 8.760  | 13.049 | 3634581  | 25.565  | 500              | ug/ml |
| Aromatic C21-C36          | 13.050 | 18.468 | 3827937  | 30.915  | 800              | ug/ml |
| Aromatic EPH              | 4.389  | 18.468 | 16765852 | 121.763 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.607 | 11.607 | 3519801  | 23.58   |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.697  | 7.697  | 4886521  | 41.13   |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.561  | 8.561  | 3479993  | 40.99   |                  | ug/ml |