

## Report of Analysis

|                    |                            |                 |                      |
|--------------------|----------------------------|-----------------|----------------------|
| Client:            | CDM Smith                  | Date Collected: |                      |
| Project:           | MWCO CJO WTP Edison 295110 | Date Received:  |                      |
| Client Sample ID:  | PB169950BSD                | SDG No.:        | Q3257                |
| Lab Sample ID:     | PB169950BSD                | Matrix:         | Solid                |
| Analytical Method: | NJEPH                      | % Solid:        | 100                  |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                         | Test:           | EPH                  |
| Prep Method :      |                            |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE056149.D | 1         | 10/02/25    | 10/02/25        | PB169950      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 4.76  |           | 0.14     | 1.00       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 4.57  |           | 0.11     | 0.67       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 7.92  |           | 0.13     | 1.00       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 10.6  |           | 0.53     | 1.33       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 17.7  |           | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 43.6  |           | 40 - 140 | 87%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | PB169950BSD | Acq On:            | 02 Oct 2025 16:02 |
| Client Sample ID: | PB169950BSD | Operator:          | YP\AJ             |
| Data file:        | FE056149.D  | Misc:              |                   |
| Instrument:       | FID_E       | ALS Vial:          | 12                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.311  | 6.945  | 10010564  | 71.49   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.946  | 10.395 | 10519573  | 68.587  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.396 | 13.772 | 19736725  | 118.982 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.773 | 17.442 | 23717806  | 159.687 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.443 | 22.448 | 36272078  | 266.213 | 600              | ug/ml |
| Aliphatic EPH             | 3.311  | 22.448 | 100256746 | 684.958 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0         | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.506 | 13.506 | 6079062   | 43.56   |                  | ug/ml |
| Aliphatic C9-C28          | 3.311  | 17.442 | 63984668  | 418.746 | 1200             | ug/ml |