

## Report of Analysis

|                    |                               |            |                 |       |
|--------------------|-------------------------------|------------|-----------------|-------|
| Client:            | Remington & Vernick Engineers |            | Date Collected: |       |
| Project:           | Edison Landfill               |            | Date Received:  |       |
| Client Sample ID:  | PB170577BL                    |            | SDG No.:        | Q3586 |
| Lab Sample ID:     | PB170577BL                    |            | Matrix:         | Solid |
| Analytical Method: | NJEPH                         |            | % Solid:        | 100   |
| Sample Wt/Vol:     | 30.01 g                       | Final Vol: | 2000 uL         | Test: |
| Prep Method :      |                               | Prep Date  | 11/17/25        | EPH   |

| CAS Number        | Parameter                 | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | Prep BatchID |
|-------------------|---------------------------|-------|------|----|----------|------------|---------|-----------|--------------|
| <b>TARGETS</b>    |                           |       |      |    |          |            |         |           |              |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 0.14  | U    | 1  | 0.14     | 1.00       | mg/kg   | 11/20/25  | PB170577     |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 0.11  | U    | 1  | 0.11     | 0.67       | mg/kg   | 11/20/25  | PB170577     |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 0.13  | U    | 1  | 0.13     | 1.00       | mg/kg   | 11/20/25  | PB170577     |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 0.53  | U    | 1  | 0.53     | 1.33       | mg/kg   | 11/20/25  | PB170577     |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 1.18  | U    | 1  | 1.18     | 2.00       | mg/kg   | 11/20/25  | PB170577     |
| <b>SURROGATES</b> |                           |       |      |    |          |            |         |           |              |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 24.8  |      |    | 40 - 140 | 50%        | SPK: 50 |           |              |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |      |    | 40 - 140 | 0%         | SPK: 50 |           |              |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB170577BL | Acq On:            | 20 Nov 2025 11:09 |
| Client Sample ID: | PB170577BL | Operator:          | YP\AJ             |
| Data file:        | FG016957.D | Misc:              |                   |
| Instrument:       | FID_G      | ALS Vial:          | 21                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc  | highest_standard | Units |
|---------------------------|--------|--------|----------|-------|------------------|-------|
| Aliphatic C9-C12          | 3.258  | 6.899  | 0        | 0     | 300              | ug/ml |
| Aliphatic C12-C16         | 6.900  | 10.356 | 0        | 0     | 200              | ug/ml |
| Aliphatic C16-C21         | 10.357 | 13.743 | 0        | 0     | 300              | ug/ml |
| Aliphatic C21-C28         | 13.744 | 17.429 | 0        | 0     | 400              | ug/ml |
| Aliphatic C28-C40         | 17.430 | 22.445 | 0        | 0     | 600              | ug/ml |
| Aliphatic EPH             | 3.258  | 22.445 | 0        | 0     |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0     |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.478 | 13.478 | 2987792  | 24.81 |                  | ug/ml |
| Aliphatic C9-C28          | 3.258  | 17.429 | 0        | 0     | 1200             | ug/ml |