

## Report of Analysis

|                    |                       |                 |          |
|--------------------|-----------------------|-----------------|----------|
| Client:            | PSEG                  | Date Collected: | 12/03/25 |
| Project:           | Palisades Electric HQ | Date Received:  | 12/03/25 |
| Client Sample ID:  | 20071-EPH-2           | SDG No.:        | Q3768    |
| Lab Sample ID:     | Q3768-02              | Matrix:         | Solid    |
| Analytical Method: | NJEPH                 | % Solid:        | 85.6     |
| Sample Wt/Vol:     | 10.05 g               | Test:           | EPH_NF   |
| Prep Method :      |                       | Final Vol:      | 2000 uL  |
|                    |                       | Prep Date :     | 12/04/25 |

| CAS Number         | Parameter          | Conc. | Qua. | DF  | MDL  | LOD  | LOQ / CRQL | Units | Datafile   | Date Ana.      | Prep BatchID |
|--------------------|--------------------|-------|------|-----|------|------|------------|-------|------------|----------------|--------------|
| <b>TARGETS</b>     |                    |       |      |     |      |      |            |       |            |                |              |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 71.8  |      | 1   | 4.11 | 3.48 | 6.97       | mg/kg | FE057162.D | 12/04/25 15:10 | PB170824     |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 23800 |      | 100 | 317  | 696  | 1390       | mg/kg | FE057164.D | 12/04/25 16:10 | PB170824     |
| Total AliphaticEPH | Total AliphaticEPH | 23800 |      |     | 321  | 699  | 1400       | mg/kg |            |                |              |
| Total EPH          | Total EPH          | 23800 |      |     | 321  | 699  | 1400       | mg/kg |            |                |              |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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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| CAS Number        | Parameter                 | Conc. | Qua. | DF | MDL      | LOD  | LOQ / CRQL | Units   | Date Ana. | Prep BatchID |
|-------------------|---------------------------|-------|------|----|----------|------|------------|---------|-----------|--------------|
| <b>TARGETS</b>    |                           |       |      |    |          |      |            |         |           |              |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 24800 | E    | 1  | 3.17     | 9.41 | 13.9       | mg/kg   | 12/04/25  | PB170824     |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 71.8  |      | 1  | 4.11     | 5.58 | 6.97       | mg/kg   | 12/04/25  | PB170824     |
| <b>SURROGATES</b> |                           |       |      |    |          |      |            |         |           |              |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 0.00  |      |    | 40 - 140 |      | 0%         | SPK: 50 |           |              |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |      |    | 40 - 140 |      | 0%         | SPK: 50 |           |              |

## Quantitation Report For Aliphatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | Q3768-02    | Acq On:            | 04 Dec 2025 15:10 |
| Client Sample ID: | 20071-EPH-2 | Operator:          | YP\AJ             |
| Data file:        | FE057162.D  | Misc:              |                   |
| Instrument:       | FID_E       | ALS Vial:          | 14                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response    | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-------------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.194  | 6.819  | 16290232    | 81.185  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.820  | 10.265 | 3009839659  | 14800   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.266 | 13.639 | 14572652151 | 73500   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.640 | 17.309 | 3632092352  | 18300   | 400              | ug/ml |
| Aliphatic C28-C40         | 17.310 | 22.235 | 61730712    | 308.808 | 600              | ug/ml |
| Aliphatic EPH             | 3.194  | 22.235 | 21292605106 | 107000  |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0           | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 0.000  | 0.000  | 0           | 0       |                  | ug/ml |
| Aliphatic C9-C28          | 3.194  | 17.309 | 21230874394 | 107000  | 1200             | ug/ml |