

## Report of Analysis

|                    |              |                 |          |
|--------------------|--------------|-----------------|----------|
| Client:            | PSEG         | Date Collected: | 10/24/25 |
| Project:           | PSEG Hoboken | Date Received:  | 10/24/25 |
| Client Sample ID:  | WC-2-EPH     | SDG No.:        | Q3460    |
| Lab Sample ID:     | Q3460-06     | Matrix:         | Solid    |
| Analytical Method: | NJEPH        | % Solid:        | 96.6     |
| Sample Wt/Vol:     | 30.04 g      | Test:           | EPH_NF   |
| Prep Method :      |              | Final Vol:      | 2000 uL  |
|                    |              | Prep Date :     | 10/27/25 |

| CAS Number         | Parameter          | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Datafile   | Date Ana.      | Prep BatchID |
|--------------------|--------------------|-------|------|----|------|------------|-------|------------|----------------|--------------|
| <b>TARGETS</b>     |                    |       |      |    |      |            |       |            |                |              |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 9.64  |      | 1  | 1.22 | 2.07       | mg/kg | FE056521.D | 10/27/25 18:49 | PB170258     |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 3.27  | J    | 1  | 0.94 | 4.13       | mg/kg | FE056521.D | 10/27/25 18:49 | PB170258     |
| Total AliphaticEPH | Total AliphaticEPH | 12.9  |      |    | 2.16 | 6.20       | mg/kg |            |                |              |
| Total EPH          | Total EPH          | 12.9  |      |    | 2.16 | 6.20       | 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

## Report of Analysis

|                    |              |                 |          |
|--------------------|--------------|-----------------|----------|
| Client:            | PSEG         | Date Collected: | 10/24/25 |
| Project:           | PSEG Hoboken | Date Received:  | 10/24/25 |
| Client Sample ID:  | WC-2-EPH     | SDG No.:        | Q3460    |
| Lab Sample ID:     | Q3460-06     | Matrix:         | Solid    |
| Analytical Method: | NJEPH        | % Solid:        | 96.6     |
| Sample Wt/Vol:     | 30.04 g      | Final Vol:      | 2000 uL  |
| Prep Method :      |              | Prep Date       | 10/27/25 |
|                    |              | Test:           | EPH_NF   |

| CAS Number        | Parameter                 | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | Prep BatchID |
|-------------------|---------------------------|-------|------|----|----------|------------|---------|-----------|--------------|
| <b>TARGETS</b>    |                           |       |      |    |          |            |         |           |              |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 3.27  | J    | 1  | 0.94     | 4.13       | mg/kg   | 10/27/25  | PB170258     |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 9.64  |      | 1  | 1.22     | 2.07       | mg/kg   | 10/27/25  | PB170258     |
| <b>SURROGATES</b> |                           |       |      |    |          |            |         |           |              |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 32.5  |      |    | 40 - 140 | 65%        | SPK: 50 |           |              |
| 84-15-1           | ortho-Terphenyl (SURR)    | 31.1  |      |    | 40 - 140 | 62%        | SPK: 50 |           |              |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q3460-06   | Acq On:            | 27 Oct 2025 18:49 |
| Client Sample ID: | WC-2-EPH   | Operator:          | YP\AJ             |
| Data file:        | FE056521.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 21                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.245  | 6.871  | 397992   | 2.411   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.872  | 10.320 | 896198   | 5.255   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.321 | 13.697 | 7089269  | 39.685  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.698 | 17.368 | 1312647  | 7.33    | 400              | ug/ml |
| Aliphatic C28-C40         | 17.369 | 22.326 | 19410805 | 139.844 | 600              | ug/ml |
| Aliphatic EPH             | 3.245  | 22.326 | 29106911 | 194.525 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.989 | 11.989 | 6349605  | 31.08   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.428 | 13.428 | 4956651  | 32.49   |                  | ug/ml |
| Aliphatic C9-C28          | 3.245  | 17.368 | 9696106  | 54.681  | 1200             | ug/ml |