

## Report of Analysis

|                    |                |                 |         |
|--------------------|----------------|-----------------|---------|
| Client:            | PSEG           | Date Collected: |         |
| Project:           | Secaucus HQ    | Date Received:  |         |
| Client Sample ID:  | PB169650BL     | SDG No.:        | Q3072   |
| Lab Sample ID:     | PB169650BL     | Matrix:         | Solid   |
| Analytical Method: | NJEPH          | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.01 Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  | uL             | Test:           | EPH_NF  |
| Prep Method :      |                |                 |         |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 09/11/25 10:00 | 09/11/25 15:35  | PB169650      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 2.00  | U         | 1        | 1.18 | 2.00       | mg/kg             | FG016595.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 4.00  | U         | 1        | 0.91 | 4.00       | mg/kg             | FG016595.D |
| Total AliphaticEPH | Total AliphaticEPH | 6.00  | U         |          | 2.09 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 6.00  | U         |          | 2.09 | 6.00       | 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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|                    |             |                 |        |
|--------------------|-------------|-----------------|--------|
| Client:            | PSEG        | Date Collected: |        |
| Project:           | Secaucus HQ | Date Received:  |        |
| Client Sample ID:  | PB169650BL  | SDG No.:        | Q3072  |
| Lab Sample ID:     | PB169650BL  | Matrix:         | Solid  |
| Analytical Method: | NJEPH       | % Solid:        | 100    |
| Sample Wt/Vol:     | 30.01       | Units:          | g      |
| Soil Aliquot Vol:  |             |                 | uL     |
| Prep Method :      |             | Final Vol:      | 2000   |
|                    |             | Test:           | EPH_NF |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 09/11/25 08:00 | 09/11/25 15:35  | PB169650      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.18  | U         | 1        | 1.18 | 2.00       | mg/kg             | FG016595.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 0.91  | U         | 1        | 0.91 | 4.00       | mg/kg             | FG016595.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.09  | U         |          | 2.09 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 2.09  | U         |          | 2.09 | 6.00       | 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.

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|                    |             |                 |         |
|--------------------|-------------|-----------------|---------|
| Client:            | PSEG        | Date Collected: |         |
| Project:           | Secaucus HQ | Date Received:  |         |
| Client Sample ID:  | PB169650BL  | SDG No.:        | Q3072   |
| Lab Sample ID:     | PB169650BL  | Matrix:         | Solid   |
| Analytical Method: | NJEPH       | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.01       | Units:          | g       |
| Soil Aliquot Vol:  |             | Final Vol:      | 2000 uL |
| Prep Method :      |             | Test:           | EPH_NF  |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FG016595.D | 1         | 09/11/25    | 09/11/25        | PB169650      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 0.000 | U         | 0.91     | 4.00       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 1.18  | U         | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 37.1  |           | 40 - 140 | 74%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 38.5  |           | 40 - 140 | 77%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB169650BL | Acq On:            | 11 Sep 2025 15:35 |
| Client Sample ID: | PB169650BL | Operator:          | YP\AJ             |
| Data file:        | FG016595.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          | 3.283  | 6.926  | 0        | 0     | 300              | ug/ml |
| Aliphatic C12-C16         | 6.927  | 10.386 | 0        | 0     | 200              | ug/ml |
| Aliphatic C16-C21         | 10.387 | 13.776 | 0        | 0     | 300              | ug/ml |
| Aliphatic C21-C28         | 13.777 | 17.463 | 0        | 0     | 400              | ug/ml |
| Aliphatic C28-C40         | 17.464 | 22.506 | 0        | 0     | 600              | ug/ml |
| Aliphatic EPH             | 3.283  | 22.506 | 0        | 0     |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.069 | 12.069 | 5091369  | 38.46 |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.514 | 13.514 | 3739379  | 37.15 |                  | ug/ml |
| Aliphatic C9-C28          | 3.283  | 17.463 | 0        | 0     | 1200             | ug/ml |