

Report of Analysis

| Client: | PSEG | | | | | Date Collected: | | | |
|------------------------|------------------|----------|-----------|------------|------|-----------------|-------|------------------|----------|
| Project: | OR-636 Oradell a | nd New I | Milford | | | Date Received: | | | |
| Client Sample ID: | OR-636-04MS | | | | | SDG No.: | Q1983 | | |
| Lab Sample ID: | Q1983-09MS | | | | | Matrix: | Solid | | |
| Analytical Method: | NJEPH | | | | | % Solid: | 86.8 | | |
| Sample Wt/Vol: | 30.03 Units: | g | | | | Final Vol: | 2000 | uL | |
| Soil Aliquot Vol: | | uL | | | | Test: | EPH_N | NF | |
| Prep Method : | | | | | | | | | |
| | | | | | | | | | |
| Prep Date : | | | Date | Analyzed : | | | | Prep Batch ID | |
| 05/09/25 09:02 | | | 05/09 | 9/25 17:41 | | | | PB167926 | |
| | | | | | | | | | Datafile |
| CAS Number Paramete | er | Conc. | Qualifier | Dilution | MDL | LOQ / CF | RQL U | nits(Dry Weight) | |
| TARGETS | | | | | | | | | |
| Total AliphaticEPH Tot | tal AliphaticEPH | 160 | | | 2.41 | 6.90 | | mg/kg | |
| Total EPH Tot | tal EPH | 160 | | | 2.41 | 6.90 | | 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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| Sample Wt/Vol: | 30.03 Units: | g | | | | Final Vol: | 2000 | uL | |
| Soil Aliquot Vol: | | uL | | | | Test: | EPH_N | NF | |
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|--------------------|-----------|---------------------------|-------|-----------------|----------|--------|--------------|---------|
| Project: | OR-636 | Oradell and New Milford | Date | Date Received: | | | | |
| Client Sample ID: | OR-636 | -04MS | | SDG | No.: | Q1983 | | |
| Lab Sample ID: | Q1983-(| 09MS | Matri | Matrix: | | Solid | | |
| Analytical Method: | NJEPH | | % Sol | % Solid: 86. | | | | |
| Sample Wt/Vol: | 30.03 | Units: g | | Final | Vol: | 2000 | uL | |
| Soil Aliquot Vol: | | uL | | Test: | | EPH NF | | |
| Pren Method : | | - | | | | | | |
| Trop Moniou . | | | | | | | | |
| File ID : | Dilution: | Prep Date : | | Date Analy | zed : | Р | rep Batch ID | |
| FC068817.D | 1 | 05/09/25 | | 05/09/25 | | Р | B167926 | |
| | - | | | | | - | | |
| CAS Number Param | eter | | Conc. | Qualifier | MDL | | LOQ / CRQL | Units |
| TADCETS | | | | | | | | |
| Aliphatic C9-C28 | | Aliphatic C9-C28 | 117 | Е | 1.05 | | 4.60 | mg/kg |
| Aliphatic C28-C40 | | Aliphatic C28-C40 | 43.2 | | 1.36 | | 2.30 | mg/kg |
| SURROGATES | | | | | | | | |
| 3383-33-2 | | 1-chlorooctadecane (SURR) | 41.2 | | 40 - 140 | | 82% | SPK: 50 |
| 84-15-1 | | ortho-Terphenyl (SURR) | 36.9 | | 40 - 140 | | 74% | SPK: 50 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

| Q1983-09MS | Acq On: | 09 May 2025 17:41 |
|------------|--|--|
| Q1983-09MS | Operator: | YP/AJ |
| FC068817.D | Misc: | |
| FID_C | ALS Vial: | 16 |
| 1 | Sample Multiplier: | 1.00 |
| | Q1983-09MS Q1983-09MS FC068817.D FID_C 1 | Q1983-09MSAcq On:Q1983-09MSOperator:FC068817.DMisc:FID_CALS Vial:1Sample Multiplier: |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12 | 3.342 | 6.642 | 19469953 | 196.402 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.643 | 10.043 | 29376744 | 322.877 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.044 | 13.410 | 37459361 | 436.791 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.411 | 17.074 | 46731088 | 562.408 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.075 | 22.075 | 47683412 | 563.483 | 600 | ug/ml |
| Aliphatic EPH | 3.342 | 22.075 | 180720558 | 2080 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.711 | 11.711 | 4216078 | 36.94 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.144 | 13.144 | 3303865 | 41.18 | | ug/ml |
| Aliphatic C9-C28 | 3.342 | 17.074 | 133037146 | 1520 | 1200 | ug/ml |