

Report of Analysis

| | | | |
|--------------------|---|-----------------|--------------|
| Client: | PSEG | Date Collected: | 04/01/25 |
| Project: | Summit Gas and Appliance Service MA00006789 | Date Received: | 04/01/25 |
| Client Sample ID: | SU-04-040125 | SDG No.: | Q1684 |
| Lab Sample ID: | Q1684-01 | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 91.3 |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 2000 uL |
| Soil Aliquot Vol: | uL | Test: | EPH_NF |
| Prep Method : | | | |

| | | |
|----------------|-----------------|---------------|
| Prep Date : | Date Analyzed : | Prep Batch ID |
| 04/02/25 08:00 | 04/03/25 9:19 | PB167427 |

Datafile

| CAS Number | Parameter | Conc. | Qualifier | Dilution | MDL | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| TARGETS | | | | | | | |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 139 | | 10 | 12.9 | 21.9 | mg/kg FE053156.D |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 223 | | 10 | 9.94 | 43.7 | mg/kg FE053156.D |
| Total AliphaticEPH | Total AliphaticEPH | 362 | | | 22.8 | 65.6 | mg/kg |
| Total EPH | Total EPH | 362 | | | 22.8 | 65.6 | 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: | Date Collected: |
| Project: | Date Received: |
| Client Sample ID: | SDG No.: |
| Lab Sample ID: | Matrix: |
| Analytical Method: NJEPH | |
| Sample Wt/Vol: Units: | Final Vol: |
| Soil Aliquot Vol: uL | Test: |
| Prep Method : | |

Prep Date :

Date Analyzed :

Prep Batch ID

Datafile

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| Project: | Date Received: |
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| Lab Sample ID: | Matrix: |
| Analytical Method: NJEPH | |
| Sample Wt/Vol: Units: | Final Vol: |
| Soil Aliquot Vol: uL | Test: |
| Prep Method : | |

Prep Date :

Date Analyzed :

Prep Batch ID

Datafile

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| Lab Sample ID: | Q1684-01 | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 91.3 |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 2000 uL |
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| Prep Method : | | | |

| | | | | |
|------------|-----------|-------------|-----------------|---------------|
| File ID : | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053136.D | 1 | 04/02/25 | 04/02/25 | PB167427 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| TARGETS | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 201 | E | 0.99 | 4.37 | mg/kg |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 133 | E | 1.29 | 2.19 | mg/kg |
| SURROGATES | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 68.9 | | 40 - 140 | 138% | SPK: 50 |
| 84-15-1 | ortho-Terphenyl (SURR) | 36.0 | | 40 - 140 | 72% | SPK: 50 |

Quantitation Report For Aliphatic EPH Range.

| | | | |
|-------------------|--------------|--------------------|-------------------|
| Lab Sample ID: | Q1684-01 | Acq On: | 02 Apr 2025 16:48 |
| Client Sample ID: | SU-04-040125 | Operator: | YP\AJ |
| Data file: | FE053136.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 | 3.137 | 6.779 | 5809663 | 37.234 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.780 | 10.229 | 33457115 | 217.775 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.230 | 13.604 | 163818617 | 1130 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.605 | 17.273 | 184683353 | 1370 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.274 | 22.174 | 227471660 | 1830 | 600 | ug/ml |
| Aliphatic EPH | 3.137 | 22.174 | 615240408 | 4600 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.894 | 11.894 | 5859832 | 35.98 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.338 | 13.338 | 8268255 | 68.88 | | ug/ml |
| Aliphatic C9-C28 | 3.137 | 17.273 | 387768748 | 2760 | 1200 | ug/ml |