

## Report of Analysis

|                    |                     |                 |          |
|--------------------|---------------------|-----------------|----------|
| Client:            | PSEG                | Date Collected: | 05/20/25 |
| Project:           | Waldwick Substation | Date Received:  | 05/20/25 |
| Client Sample ID:  | RBR251372           | SDG No.:        | Q2097    |
| Lab Sample ID:     | Q2097-14            | Matrix:         | TCLP     |
| Analytical Method: | 8270E               | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL       | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                  | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N        | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0    | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3541              |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF142520.D        | 1         | 05/22/25 11:14 | 05/22/25 19:56 | PB168131      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|----------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |          |            |          |
| 110-86-1                  | Pyridine               | 0.050  | U         | 0.013    | 0.050      | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.050  | U         | 0.0053   | 0.050      | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.050  | U         | 0.011    | 0.050      | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.10   | U         | 0.011    | 0.10       | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.050  | U         | 0.0065   | 0.050      | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.050  | U         | 0.0076   | 0.050      | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.050  | U         | 0.0054   | 0.050      | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.050  | U         | 0.0051   | 0.050      | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.050  | U         | 0.0062   | 0.050      | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.050  | U         | 0.012    | 0.050      | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.050  | U         | 0.0052   | 0.050      | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.10   | U         | 0.016    | 0.10       | mg/L     |
| <b>SURROGATES</b>         |                        |        |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol         | 110    |           | 10 - 139 | 74%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 98.6   |           | 10 - 134 | 66%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 79.8   |           | 49 - 133 | 80%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 79.4   |           | 52 - 132 | 79%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 116    |           | 44 - 137 | 77%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 69.6   |           | 48 - 125 | 70%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 103000 | 6.898     |          |            |          |
| 1146-65-2                 | Naphthalene-d8         | 360000 | 8.181     |          |            |          |
| 15067-26-2                | Acenaphthene-d10       | 163000 | 9.933     |          |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 246000 | 11.422    |          |            |          |
| 1719-03-5                 | Chrysene-d12           | 181000 | 14.063    |          |            |          |
| 1520-96-3                 | Perylene-d12           | 141000 | 15.557    |          |            |          |

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|                    |                     | GPC Cleanup :   | N        |
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|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

M = MS/MSD acceptance 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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products