

## Report of Analysis

|                    |                    |                 |          |
|--------------------|--------------------|-----------------|----------|
| Client:            | PSEG               | Date Collected: | 06/02/25 |
| Project:           | BU-703 Willingboro | Date Received:  | 06/04/25 |
| Client Sample ID:  | BU-703-COMP-08     | SDG No.:        | Q2208    |
| Lab Sample ID:     | Q2208-27           | 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 |
| BM050227.D        | 1         | 06/05/25 11:44 | 06/07/25 00:02 | PB168314      |

| 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         | 134     |           | 23 - 138 | 89%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 126     |           | 10 - 134 | 84%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 81.0    |           | 67 - 132 | 81%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 76.7    |           | 52 - 132 | 77%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 128     |           | 44 - 137 | 86%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 80.6    |           | 42 - 152 | 81%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 327000  | 7.786     |          |            |          |
| 1146-65-2                 | Naphthalene-d8         | 1240000 | 10.575    |          |            |          |
| 15067-26-2                | Acenaphthene-d10       | 684000  | 14.41     |          |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 1270000 | 17.145    |          |            |          |
| 1719-03-5                 | Chrysene-d12           | 1250000 | 21.374    |          |            |          |
| 1520-96-3                 | Perylene-d12           | 1280000 | 24.356    |          |            |          |

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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