

Report of Analysis

Client:	PSEG	Date Collected:	08/11/25
Project:	Sewaren Laydown Yard	Date Received:	08/11/25
Client Sample ID:	VNJ-238	SDG No.:	Q2831
Lab Sample ID:	Q2831-03	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
BF143374.D	1	08/12/25 11:50	08/13/25 14:42	PB169229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
367-12-4	2-Fluorophenol	117		23 - 138	78%	SPK: 150
13127-88-3	Phenol-d6	107		10 - 134	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.7		67 - 132	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.1		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	180		44 - 137	120%	SPK: 150
1718-51-0	Terphenyl-d14	95.8		42 - 152	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	203000	6.928			
1146-65-2	Naphthalene-d8	800000	8.21			
15067-26-2	Acenaphthene-d10	444000	9.963			
1517-22-2	Phenanthrene-d10	765000	11.451			
1719-03-5	Chrysene-d12	500000	14.092			
1520-96-3	Perylene-d12	363000	15.586			

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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