

Report of Analysis

Client: PSEG
Project: PSEG Livingston Substation
Client Sample ID: LIVINGSTON-SOIL
Lab Sample ID: Q3599-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 100 mL Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/11/25

Date Collected: 11/10/25
Date Received: 11/10/25
SDG No.: Q3599
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	0.050	U	1	0.013	0.050	mg/L	11/11/25 20:58	PB170495
106-46-7	1,4-Dichlorobenzene	0.050	U	1	0.0053	0.050	mg/L	11/11/25 20:58	PB170495
95-48-7	2-Methylphenol	0.050	U	1	0.011	0.050	mg/L	11/11/25 20:58	PB170495
65794-96-9	3+4-Methylphenols	0.10	U	1	0.011	0.10	mg/L	11/11/25 20:58	PB170495
67-72-1	Hexachloroethane	0.050	U	1	0.0065	0.050	mg/L	11/11/25 20:58	PB170495
98-95-3	Nitrobenzene	0.050	U	1	0.0076	0.050	mg/L	11/11/25 20:58	PB170495
87-68-3	Hexachlorobutadiene	0.050	U	1	0.0054	0.050	mg/L	11/11/25 20:58	PB170495
88-06-2	2,4,6-Trichlorophenol	0.050	U	1	0.0051	0.050	mg/L	11/11/25 20:58	PB170495
95-95-4	2,4,5-Trichlorophenol	0.050	U	1	0.0062	0.050	mg/L	11/11/25 20:58	PB170495
121-14-2	2,4-Dinitrotoluene	0.050	U	1	0.012	0.050	mg/L	11/11/25 20:58	PB170495
118-74-1	Hexachlorobenzene	0.050	U	1	0.0052	0.050	mg/L	11/11/25 20:58	PB170495
87-86-5	Pentachlorophenol	0.10	U	1	0.016	0.10	mg/L	11/11/25 20:58	PB170495
SURROGATES									
367-12-4	2-Fluorophenol	127			10 - 134	85%	SPK: 150		
13127-88-3	Phenol-d6	122			10 - 135	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	95.3			39 - 138	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.5			52 - 132	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	154			44 - 137	102%	SPK: 150		
1718-51-0	Terphenyl-d14	99.3			42 - 152	99%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	72200							
1146-65-2	Naphthalene-d8	280000							
15067-26-2	Acenaphthene-d10	170000							
1517-22-2	Phenanthrene-d10	316000							
1719-03-5	Chrysene-d12	207000							
1520-96-3	Perylene-d12	193000							

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