

Report of Analysis

Client:	PSEG	Date Collected:	03/28/25
Project:	NYE Avenue Substation	Date Received:	03/28/25
Client Sample ID:	TP-9	SDG No.:	Q1679
Lab Sample ID:	Q1679-08	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BM049777.D	1	03/31/25 12:26	04/01/25 16:48	PB167400

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	143		10 - 139	95%	SPK: 150
13127-88-3	Phenol-d6	130		10 - 134	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		49 - 133	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	107		52 - 132	107%	SPK: 100
118-79-6	2,4,6-Tribromophenol	165		44 - 137	110%	SPK: 150
1718-51-0	Terphenyl-d14	142	*	48 - 125	142%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	305000		7.792		
1146-65-2	Naphthalene-d8	1030000		10.586		
15067-26-2	Acenaphthene-d10	627000		14.433		
1517-22-2	Phenanthrene-d10	1100000		17.174		
1719-03-5	Chrysene-d12	768000		21.403		
1520-96-3	Perylene-d12	721000		24.409		

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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