

Report of Analysis

Client:	PSEG	Date Collected:	03/24/25
Project:	Bloomfield Substation	Date Received:	03/24/25
Client Sample ID:	PIER-1-2RE	SDG No.:	Q1632
Lab Sample ID:	Q1632-03RE	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086126.D	1		03/26/25 15:11	VN032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.0050	U	0.00026	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.0050	U	0.00023	0.0050	mg/L
78-93-3	2-Butanone	0.015	J	0.00098	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.0050	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.0050	U	0.00025	0.0050	mg/L
71-43-2	Benzene	0.0050	U	0.00015	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.0050	U	0.00022	0.0050	mg/L
79-01-6	Trichloroethene	0.0050	U	0.000090	0.0050	mg/L
127-18-4	Tetrachloroethene	0.0050	U	0.00023	0.0050	mg/L
108-90-7	Chlorobenzene	0.0050	U	0.00012	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.4		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	32.8	*	75 - 124	66%	SPK: 50
2037-26-5	Toluene-d8	48.4		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	178000	8.224			
540-36-3	1,4-Difluorobenzene	329000	9.1			
3114-55-4	Chlorobenzene-d5	302000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.788			

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