

Report of Analysis

Client: PSEG
Project: PSEG Livingston Substation
Client Sample ID: LIVINGSTON-SOIL
Lab Sample ID: Q3599-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

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

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.0050	U	1	0.00026	0.0050	mg/L	11/11/25 14:25	VN111125
75-35-4	1,1-Dichloroethene	0.0050	U	1	0.00023	0.0050	mg/L	11/11/25 14:25	VN111125
78-93-3	2-Butanone	0.0055	J	1	0.00098	0.025	mg/L	11/11/25 14:25	VN111125
56-23-5	Carbon Tetrachloride	0.0050	U	1	0.00025	0.0050	mg/L	11/11/25 14:25	VN111125
67-66-3	Chloroform	0.0050	U	1	0.00025	0.0050	mg/L	11/11/25 14:25	VN111125
71-43-2	Benzene	0.0050	U	1	0.00015	0.0050	mg/L	11/11/25 14:25	VN111125
107-06-2	1,2-Dichloroethane	0.0050	U	1	0.00022	0.0050	mg/L	11/11/25 14:25	VN111125
79-01-6	Trichloroethene	0.0050	U	1	0.000090	0.0050	mg/L	11/11/25 14:25	VN111125
127-18-4	Tetrachloroethene	0.0050	U	1	0.00023	0.0050	mg/L	11/11/25 14:25	VN111125
108-90-7	Chlorobenzene	0.0050	U	1	0.00012	0.0050	mg/L	11/11/25 14:25	VN111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.1			74 - 125	120%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.4			75 - 124	99%	SPK: 50		
2037-26-5	Toluene-d8	47.2			86 - 113	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.5			77 - 121	103%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	227000							
540-36-3	1,4-Difluorobenzene	519000							
3114-55-4	Chlorobenzene-d5	522000							
3855-82-1	1,4-Dichlorobenzene-d4	249000							

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