

Report of Analysis

Client: PSEG
Project: South Mahwah Switch
Client Sample ID: SOUTH-MAHWAH-SOIL
Lab Sample ID: Q3477-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/28/25
Date Received: 10/28/25
SDG No.: Q3477
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	10/29/25 14:05	VN102925
75-35-4	1,1-Dichloroethene	0.0050	U	1	0.00023	0.0050	mg/L	10/29/25 14:05	VN102925
78-93-3	2-Butanone	0.0051	J	1	0.00098	0.025	mg/L	10/29/25 14:05	VN102925
56-23-5	Carbon Tetrachloride	0.0050	U	1	0.00025	0.0050	mg/L	10/29/25 14:05	VN102925
67-66-3	Chloroform	0.0050	U	1	0.00025	0.0050	mg/L	10/29/25 14:05	VN102925
71-43-2	Benzene	0.0050	U	1	0.00015	0.0050	mg/L	10/29/25 14:05	VN102925
107-06-2	1,2-Dichloroethane	0.0050	U	1	0.00022	0.0050	mg/L	10/29/25 14:05	VN102925
79-01-6	Trichloroethene	0.0050	U	1	0.000090	0.0050	mg/L	10/29/25 14:05	VN102925
127-18-4	Tetrachloroethene	0.0050	U	1	0.00023	0.0050	mg/L	10/29/25 14:05	VN102925
108-90-7	Chlorobenzene	0.0050	U	1	0.00012	0.0050	mg/L	10/29/25 14:05	VN102925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.4			74 - 125	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.1			75 - 124	94%	SPK: 50		
2037-26-5	Toluene-d8	45.0			86 - 113	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.6			77 - 121	97%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	218000							
540-36-3	1,4-Difluorobenzene	505000							
3114-55-4	Chlorobenzene-d5	492000							
3855-82-1	1,4-Dichlorobenzene-d4	227000							

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