

Report of Analysis

Client:	PSEG	Date Collected:	04/01/25
Project:	NYE Avenue Substation	Date Received:	04/02/25
Client Sample ID:	TP-18	SDG No.:	Q1694
Lab Sample ID:	Q1694-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071057.D	1	04/03/25 08:54	04/03/25 13:07	PB167434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	0.019	U	0.0045	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0046	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0042	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0045	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0067	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0036	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0057	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0041	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.019	U	0.0037	0.019	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.8		30 - 150	129%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.5		30 - 150	128%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit