

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	
Project:	PSEG Athenia Substation		Date Received:	
Client Sample ID:	PB170236BL		SDG No.:	Q3450
Lab Sample ID:	PB170236BL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	10/27/25 10:18	PB170236
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/27/25 10:18	PB170236
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/27/25 10:18	PB170236
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/27/25 10:18	PB170236
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/27/25 10:18	PB170236
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/27/25 10:18	PB170236
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/27/25 10:18	PB170236
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/27/25 10:18	PB170236
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	10/27/25 10:18	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.3			30 (21) - 150 (165)	137%	SPK: 20		
2051-24-3	Decachlorobiphenyl	29.0			30 (10) - 150 (170)	145%	SPK: 20		

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