

Report of Analysis

Client:	PSEG	Date Collected:	10/15/25
Project:	Central Ave Substation	Date Received:	10/15/25
Client Sample ID:	HT1403	SDG No.:	Q3354
Lab Sample ID:	Q3354-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	17.6
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Prep Date	10/16/25
		Test:	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0096	U	1	0.00074	0.0096	mg/Kg	10/16/25 14:24	PB170120
319-85-7	beta-BHC	0.0096	U	1	0.0010	0.0096	mg/Kg	10/16/25 14:24	PB170120
319-86-8	delta-BHC	0.0096	U	1	0.0022	0.0096	mg/Kg	10/16/25 14:24	PB170120
58-89-9	gamma-BHC (Lindane)	0.0096	U	1	0.00079	0.0096	mg/Kg	10/16/25 14:24	PB170120
76-44-8	Heptachlor	0.0096	U	1	0.00068	0.0096	mg/Kg	10/16/25 14:24	PB170120
309-00-2	Aldrin	0.0096	U	1	0.00068	0.0096	mg/Kg	10/16/25 14:24	PB170120
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0011	0.0096	mg/Kg	10/16/25 14:24	PB170120
959-98-8	Endosulfan I	0.0096	U	1	0.00079	0.0096	mg/Kg	10/16/25 14:24	PB170120
60-57-1	Dieldrin	0.0096	U	1	0.00079	0.0096	mg/Kg	10/16/25 14:24	PB170120
72-55-9	4,4-DDE	0.0015	JP	1	0.00079	0.0096	mg/Kg	10/16/25 14:24	PB170120
72-20-8	Endrin	0.0096	U	1	0.00079	0.0096	mg/Kg	10/16/25 14:24	PB170120
33213-65-9	Endosulfan II	0.0096	U	1	0.0016	0.0096	mg/Kg	10/16/25 14:24	PB170120
72-54-8	4,4-DDD	0.0018	JP	1	0.00085	0.0096	mg/Kg	10/16/25 14:24	PB170120
1031-07-8	Endosulfan Sulfate	0.0096	U	1	0.00074	0.0096	mg/Kg	10/16/25 14:24	PB170120
50-29-3	4,4-DDT	0.0058	J	1	0.00079	0.0096	mg/Kg	10/16/25 14:24	PB170120
72-43-5	Methoxychlor	0.0096	U	1	0.0021	0.0096	mg/Kg	10/16/25 14:24	PB170120
53494-70-5	Endrin ketone	0.0096	U	1	0.0011	0.0096	mg/Kg	10/16/25 14:24	PB170120
7421-93-4	Endrin aldehyde	0.0096	U	1	0.0021	0.0096	mg/Kg	10/16/25 14:24	PB170120
5103-71-9	alpha-Chlordane	0.0096	U	1	0.00068	0.0096	mg/Kg	10/16/25 14:24	PB170120
5103-74-2	gamma-Chlordane	0.0096	U	1	0.00085	0.0096	mg/Kg	10/16/25 14:24	PB170120
8001-35-2	Toxaphene	0.19	U	1	0.031	0.19	mg/Kg	10/16/25 14:24	PB170120
SURROGATES									
2051-24-3	Decachlorobiphenyl	5.09			20 - 144	25%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	10.2			19 - 148	51%	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