

Report of Analysis

Client:	PSEG	Date Collected:	04/17/25
Project:	Elizabeth Sub HQ	Date Received:	04/17/25
Client Sample ID:	LP5729	SDG No.:	Q1829
Lab Sample ID:	Q1829-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088158.D	1	04/18/25 09:10	04/21/25 13:39	PB167644

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.00014	U	0.00014	0.0018	mg/Kg
319-85-7	beta-BHC	0.00020	U	0.00020	0.0018	mg/Kg
319-86-8	delta-BHC	0.00042	U	0.00042	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00015	U	0.00015	0.0018	mg/Kg
76-44-8	Heptachlor	0.00013	U	0.00013	0.0018	mg/Kg
309-00-2	Aldrin	0.00013	U	0.00013	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00021	U	0.00021	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00015	U	0.00015	0.0018	mg/Kg
60-57-1	Dieldrin	0.00015	U	0.00015	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00015	U	0.00015	0.0018	mg/Kg
72-20-8	Endrin	0.00015	U	0.00015	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00032	U	0.00032	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00016	U	0.00016	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00047	JP	0.00014	0.0018	mg/Kg
50-29-3	4,4-DDT	0.0014	JP	0.00015	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00040	U	0.00040	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00021	U	0.00021	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00040	U	0.00040	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00013	U	0.00013	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00016	U	0.00016	0.0018	mg/Kg
8001-35-2	Toxaphene	0.0059	U	0.0059	0.036	mg/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.1		20 - 144	55%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.3		19 - 148	57%	SPK: 20

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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