

Report of Analysis

Client: PSEG
Project: Trenton Gas and Appliance Service (TR)
Client Sample ID: TR-06-112025
Lab Sample ID: Q3699-03
Analytical Method: 8081B
Sample Wt/Vol: 30.05 g Final Vol: 10000 uL
Prep Method: SW3541B Prep Date: 11/21/25

Date Collected: 11/20/25
Date Received: 11/20/25
SDG No.: Q3699
Matrix: SOIL
% Solid: 91.2
Test: Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0014	U	10	0.0014	0.019	mg/Kg	11/21/25 13:27	PB170672
319-85-7	beta-BHC	0.0020	U	10	0.0020	0.019	mg/Kg	11/21/25 13:27	PB170672
319-86-8	delta-BHC	0.0043	U	10	0.0043	0.019	mg/Kg	11/21/25 13:27	PB170672
58-89-9	gamma-BHC (Lindane)	0.0015	U	10	0.0015	0.019	mg/Kg	11/21/25 13:27	PB170672
76-44-8	Heptachlor	0.0013	U	10	0.0013	0.019	mg/Kg	11/21/25 13:27	PB170672
309-00-2	Aldrin	0.0013	U	10	0.0013	0.019	mg/Kg	11/21/25 13:27	PB170672
1024-57-3	Heptachlor epoxide	0.0021	U	10	0.0021	0.019	mg/Kg	11/21/25 13:27	PB170672
959-98-8	Endosulfan I	0.0015	U	10	0.0015	0.019	mg/Kg	11/21/25 13:27	PB170672
60-57-1	Dieldrin	0.0015	U	10	0.0015	0.019	mg/Kg	11/21/25 13:27	PB170672
72-55-9	4,4-DDE	0.0015	U	10	0.0015	0.019	mg/Kg	11/21/25 13:27	PB170672
72-20-8	Endrin	0.0015	U	10	0.0015	0.019	mg/Kg	11/21/25 13:27	PB170672
33213-65-9	Endosulfan II	0.0032	U	10	0.0032	0.019	mg/Kg	11/21/25 13:27	PB170672
72-54-8	4,4-DDD	0.0016	U	10	0.0016	0.019	mg/Kg	11/21/25 13:27	PB170672
1031-07-8	Endosulfan Sulfate	0.0014	U	10	0.0014	0.019	mg/Kg	11/21/25 13:27	PB170672
50-29-3	4,4-DDT	0.0015	U	10	0.0015	0.019	mg/Kg	11/21/25 13:27	PB170672
72-43-5	Methoxychlor	0.0041	U	10	0.0041	0.019	mg/Kg	11/21/25 13:27	PB170672
53494-70-5	Endrin ketone	0.0021	U	10	0.0021	0.019	mg/Kg	11/21/25 13:27	PB170672
7421-93-4	Endrin aldehyde	0.0041	U	10	0.0041	0.019	mg/Kg	11/21/25 13:27	PB170672
5103-71-9	alpha-Chlordane	0.0024	J	10	0.0013	0.019	mg/Kg	11/21/25 13:27	PB170672
5103-74-2	gamma-Chlordane	0.0026	J	10	0.0016	0.019	mg/Kg	11/21/25 13:27	PB170672
8001-35-2	Toxaphene	0.059	U	10	0.059	0.36	mg/Kg	11/21/25 13:27	PB170672
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.2			10 - 143	131%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	28.9	*		10 - 131	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