

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	01/16/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	01/16/25	
Client Sample ID:	RW10A-20250116		SDG No.:	Q1122	
Lab Sample ID:	Q1122-01		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	490	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093705.D	1	01/17/25 11:25	01/20/25 13:28	PB166101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.026	U	0.0062	0.026	0.051	ug/L
319-85-7	beta-BHC	0.026	U	0.014	0.026	0.051	ug/L
319-86-8	delta-BHC	0.026	U	0.015	0.026	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.026	U	0.0050	0.026	0.051	ug/L
76-44-8	Heptachlor	0.026	U	0.0055	0.026	0.051	ug/L
309-00-2	Aldrin	0.026	U	0.0045	0.026	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.026	U	0.0092	0.026	0.051	ug/L
959-98-8	Endosulfan I	0.026	U	0.0051	0.026	0.051	ug/L
60-57-1	Dieldrin	0.026	U	0.0048	0.026	0.051	ug/L
72-55-9	4,4-DDE	0.026	U	0.0046	0.026	0.051	ug/L
72-20-8	Endrin	0.010	U	0.0044	0.010	0.051	ug/L
33213-65-9	Endosulfan II	0.026	U	0.0077	0.026	0.051	ug/L
72-54-8	4,4-DDD	0.026	U	0.0094	0.026	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.026	U	0.0036	0.026	0.051	ug/L
50-29-3	4,4-DDT	0.026	U	0.0045	0.026	0.051	ug/L
72-43-5	Methoxychlor	0.026	U	0.011	0.026	0.051	ug/L
53494-70-5	Endrin ketone	0.026	U	0.0099	0.026	0.051	ug/L
7421-93-4	Endrin aldehyde	0.026	U	0.010	0.026	0.051	ug/L
5103-71-9	alpha-Chlordane	0.026	U	0.0061	0.026	0.051	ug/L
5103-74-2	gamma-Chlordane	0.026	U	0.0061	0.026	0.051	ug/L
8001-35-2	Toxaphene	0.51	U	0.15	0.51	1.00	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.0		30 - 135		115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		44 - 124		106%	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